

1938

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The  
**SEDDONIAN**

Cert.  
M.A.  
N.Z.  
Arbitrator  
M.Sc.  
M.A.  
M.A.  
M.Sc.  
B.A.  
M.Sc.  
Sc. Sc.  
M.A.  
M.A.  
H.Sc.  
E.E.  
Z.L.E.  
Tech. E.  
Diploma  
S.I.E.  
M.A.  
D. Ed.  
H. Sc.

Being the Annual Journal  
of the Seddon Memorial  
Technical College  
1938

Wellesley Street East,  
Auckland, New Zealand

# FULL TIME STAFF

Principal, Secretary and Treasurer: MR. G. J. PARK, B.Com., F.R.E.S.

## HEADS OF DEPARTMENTS

English and General: MR. W. E. BURLEY, B.A. (Acting-Principal Second and Third Terms, 1938.)

Engineering and Trades: MR. E. S. CLOSS, B.A., A.M.I.Mech.E. (London).

Commercial Subjects: MR. H. A. JONES, B.Com., A.R.A.N.Z.

Domestic Department: MISS M. J. A. SEAY, Diploma Home Science, University of Otago.

Mr. A. G. Adams .....	B.Sc.	Mr. E. L. M. James .....	Teacher's Handicraft Cert.
Mr. L. E. Adams .....	M.A.	Mr. H. W. James .....	M.A.
Miss M. F. E. Adams .....	M.A., M.Sc.	Mr. H. W. King .....	M.A., B.Com., A.R.A.N.Z.
Miss L. Anderson .....	Dip. Fine Arts, N.Z.	Miss E. M. Lamason .....	
Miss M. G. Anderson .....	N.Z. U. Book-keepers' Diploma	Mr. H. P. Leeves .....	Formerly Instructor at Aldershot
Mr. J. W. Ash .....	Art Masters' Certificate	Mr. J. P. de Lisle .....	M.Sc.
Miss A. Bell .....		Mr. L. M. McKillop .....	M.A.
Miss F. Boynton .....	St. John Ambulance Medallion	Miss D. A. McClymont .....	M.A.
Mr. J. Brooke .....	B.E.	Miss V. McCormack .....	
Mr. W. M. Brown .....	B.A.	Mr. C. L. Maloy .....	M.Sc.
Miss N. E. Burley .....	B.H.Sc.	Mr. A. B. Ohlson .....	B.A.
Mr. J. L. G. Carnachan .....	B.A.	Mr. F. Parker .....	
Miss T. Clough .....	A.R.A.N.Z.	Mr. J. Pybus .....	M.Sc.
Mr. J. A. Dallimore .....		Mr. J. M. Scoble .....	B.A., Dip. Soc. Sc.
Mr. A. D. Davidson .....	M.A.	Mr. J. Sinton .....	
Mr. B. M. Davis .....	M.Sc.	Mr. A. A. Smyth .....	M.A.
Miss E. M. Davis .....	M.A.	Mr. W. M. Smyth .....	M.A.
Mr. G. W. C. Drake .....	M.A., B.Com., F.R.A.N.Z., A.I.C.A., Dip. Journ., Dip. Ed.	Mr. H. Stewart .....	
Mr. B. I. Fulton .....	M.A.	Miss A. A. Stubbs .....	B.H.Sc.
Miss J. Galloway .....		Mr. C. M. Taylor .....	B.Sc., A.M.I.E.E., A.M.N.Z.I.E.
Mr. W. Gemmill .....		Mr. L. E. Titheridge .....	M.A., A.I.Mech.E.
Mr. S. Goldsmith .....		Miss C. J. Vickery .....	N.Z. U. Book-keepers' Diploma
Miss J. Guy .....		Mr. R. M. Webber .....	B.Sc., A.A.S.E., A.M.N.Z.I.E.
Mr. E. H. Halstead .....	M.A.	Miss M. Wilderspin .....	
Mr. I. Hayman .....	B.E. (Elect.), A.M.I.E.E.	Mr. L. S. Wood .....	M.A.
Miss D. O. Henderson .....	B.A., Dip. Journ.	Mr. E. C. Wooller .....	M.A., Dip. Journ., Dip. Ed.
Mr. H. W. Hollies .....	Medallist (2) Wembley Exhib.	Miss E. I. Wright .....	Dip. H. Sc.
Miss K. M. Irving .....	M.A.		

"Vita Non Scholae Discimus"



OUR PRINCIPAL, MR. G. J. PARK.

## BOARD OF MANAGERS 1938

Chairman.—Miss B. E. Carnachan.  
Deputy-chairman.—Mr. J. W. Mitchell.  
Local Bodies.—Mr. J. S. Stewart, Mr. J. Donald.  
Auckland Education Board.—Mr. R. A. Rew, Mr. W. J. Campbell  
Association of Employees in Local Industries.—Mr. J. W. Mitchell, Mr. A. H. Dixon.  
Association of Employers in Local Industries.—Mr. E. Aldridge, Mr. R. C. Porter.  
Parents of Technical High School Pupils.—Miss A. Basten, Miss B. Carnachan, Mr. F. C. Pace.  
School Committees.—Mrs. F. McBride.  
Secretary and Treasurer.—Mr. G. J. Park, B.Com., F.R.E.S.

## College Officers

### PREFECTS.

Head Girl:	Head Boy:
Janet Frater.	D. Pike.
Girls:	Boys:
Olga McMillan (senior).	A. Ashley.
Kathleen Bailey.	K. Catterall.
Doreen Brown.	D. Laurie.
Jean Ibbister.	T. Moyle.
Margaret Maiden.	R. Peery.
Joan Malone.	D. Pigott.
Vivienne Orr.	L. Taylor.
Winnie Phillips.	A. Thomas.
Esma Fort.	J. Dinast.
Sybil Robertson.	
June Shepherd.	

### Sub-prefects:

C. Cashmore.  
R. Lendrum.  
I. Kay.  
G. Maskell.  
A. Savage.  
B. White.

## Office Staff

Senior and Accountant.—Miss E. Laking.  
Assistant Accountant.—Miss O. Rudman.  
Evening Records.—Miss J. Stanley.  
Book Room.—Miss P. Sutherland.  
Day Records.—Miss M. Chatteris.  
Librarian.—Miss B. Oliphant.

## School Officers of 1938

"Seddonian": Editor-Manager, Mr. E. C. Wooller.  
Cadet Corps: C.O., Captain B. M. Davis.  
Adjutant, Lieutenant Leves.  
A Company, Captain Wood, Lieutenant Halstead.  
B Company, Lieutenant A. G. Adams, Mr. W. M. Smyth.  
C Company, Captain Wooller, Lieutenant J. Fybus, Mr. de Lisle.  
D Company, Lieutenant Brown, Lieutenant King, Mr. L. E. Adams.  
Headquarters Company, Mr. J. Brooke (signaller), Lieutenant E. James (engineer), Mr. Maloy (ambulance), Lieutenant Carnachan (administration).  
Games Organiser: Mr. C. M. Taylor.  
Cricket: Messrs. Taylor (First Eleven), Drake, McKillop, Stewart, Maloy, Davis, W. Smyth, de Lisle.  
Football: Messrs. Ohlson (First Fifteen), Brooke, Titheridge, Webber, McKillop, Halstead, Drake, W. Smyth, A. G. Adams.  
Soccer: Messrs. Stewart, Dallimore, A. Smyth.  
Athletics: Messrs. Titheridge, Webber, Wooller.  
Basketball: Miss Adams.  
Tennis: Mr. Carnachan (boys), Miss Wright (girls).  
Houses:  
Birns: Misses Lamason and Wright; Messrs. Maloy and Halstead.  
Hindley: Misses Vickery and Guy; Messrs. Stewart and Dallimore.  
Seddon: Misses Boynton and McCormack; Messrs. Brooke and Ohlson.  
Wallsley: Misses Stubbs and M. G. Anderson; Messrs. A. G. Adams and Brown.  
Vocational Officers: Mr. G. W. C. Drake (boys), Miss D. O. Henderson (girls).  
Orchestra: Mr. Scobie, Misses Adams, Davis, Mr. H. James.  
Savings Bank: Mr. Jones.  
Rifle Club: Mr. Brown.  
Concert Committee: Mr. Burley (chairman), Misses Adams, Davis, Seay, Stubbs, Brennan, Messrs. Scobie (producer), Fulton, Gemmill, Halstead, H. James, Maloy, Titheridge, Wood.  
Choir: Mr. Scobie, Miss Brennan.

## Captains of School Teams

Basketball:  
A School Team, Olga McMillan.  
B School Team, Esma Fort.  
Rugby:  
First XV, D. Laurie, L. Taylor (deputy).  
Second XV, (Third Grade), T. A. Moyle.  
Fourth Grade A, D. P. Lambert.  
Fifth Grade A, E. Sutcliffe.  
Fifth Grade B, R. Brooke.  
Sixth Grade A, I. Sumich.  
Sixth Grade B, W. Fraser.  
Seventh Grade, W. McConnell.  
Soccer:  
Senior, W. Lomas.  
Intermediate, D. Betterton.  
Junior, E. Davison.  
Cricket:  
First XI, D. Pike.  
Second XI, R. Melhose.

#### STAFF NOTES

The most important item of news regarding the doings of the staff is that this year we have been without our principal, Mr. G. J. Park, who is enjoying a well-earned vacation travelling abroad. During his absence the reins of office have been very capably held by Mr. W. E. Burley who has kept up the school tradition of a three-figure donation to the Crippled Childrens' Society. It must be a source of satisfaction to Mr. Burley at the close of a splendid life of teaching to have had control for nearly a year of the largest school in New Zealand. The position of treasurer to the Board of Managers has been filled by Mr. H. A. Jones, the head of the Commercial Department.

At the end of 1937 both staff and pupils were delighted to hear that Mr. H. M. Scott, who has so ably carried out his many duties while at this school, had been appointed principal of the Palmerston North Technical High School. We also miss the presence of Mr. A. B. Thompson, another colleague of many years' standing who has become lecturer in Education at the Auckland University College.

Miss Stubbs is back in her place once more after spending an interesting year on exchange in Australia. Miss M. G. Anderson, also, has returned from a year of travel abroad. On the other hand Miss J. Herdman will not be returning to her position as she met her "fate" in Colombo and has resigned to get married.

This year has seen the addition of seven names to the ever-growing staff list. Elsewhere in the magazine may be seen the group of sixty teachers who comprise the full-time staff. We welcome the following new arrivals to our staff and hope that they will enjoy their stay at this school:—

Miss M. Wilderspin, a specialist in the teaching of Commercial subjects, is now practically a full-time teacher. She was the senior assistant at the Leys Institute Library.

Miss D. A. McClymont, M.A., who was teaching at Wanganui last year was formerly a student teacher at the Wanganui Technical College. She is a general subjects' teacher.

Mr. L. E. Adams, M.A., a graduate from the Auckland University College who was teaching at King's College last year, is a teacher of general subjects and is a brother of Miss M. Adams.

Mr. J. F. de Lisle, M.Sc., who after passing through the Auckland Training College and the University spent a short period in the primary service before coming to us, is chiefly engaged in the teaching of mathematics and mechanics.

Mr. H. W. King, M.A., B.Com., has joined the Commercial Department. He has been teaching for a number of years and was previously on the staff of Waimate High School.

Mr. J. Pybus, M.Sc., who comes to us from the staff of the Auckland Grammar School is a science teacher who was previously known to us through the evening school.

Mr. A. D. Davidson, M.A., who is occupying a temporary position took his degree at Otago University but was trained at the Christchurch Training College. During the first term he was teaching at the West Christchurch High School.

At the end of September the staff assembled in the Domestic Department to say farewell to Miss C. Newton, who has been the senior of our office staff for some years. Miss Newton was congratulated on her approaching marriage by representatives of the Board of Managers and the staff and was the recipient of a beautiful silver tea-service. Miss Newton's position as senior in the office has been taken by Miss E. Laking to whom the staff extend best wishes for a happy term of office.

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#### GIRL PREFECTS' NOTES

Well! At last we see realised the hopes of many prefects before us, and we are proud to say that we are writing these notes from an attractively remodelled prefects' room. With the funds raised from several concerts given for this worthy cause, and contributions from various members of the ladies' staff, whom we should like to take this opportunity of thanking, also the generous help of the Board of Managers who were kept in touch with our little needs by

Adams, M.A., a graduate from  
University College who was  
King's College last year, is a  
general subjects and is a brother  
Adams.

de Lisle, M.Sc., who after pass-  
the Auckland Training College  
University spent a short period in  
service before coming to us, is  
engaged in the teaching of mathe-  
mechanics.

King, M.A., B.Com., has joined  
Department. He has been  
for a number of years and was  
on the staff of Waimate High

Pybus, M.Sc., who comes to us  
staff of the Auckland Grammar  
science teacher who was pre-  
vious to us through the evening

Davidson, M.A., who is occupy-  
ing a temporary position took his degree  
University but was trained at the  
Auckland Training College. During the  
he was teaching at the West  
High School.

At the end of September the staff assem-  
bled in the Domestic Department to say  
good-bye to Miss C. Newton, who has been  
in charge of our office staff for some years.  
She was congratulated on her  
marriage by representatives  
of the Board of Managers and the staff and  
presented with a beautiful silver tea-  
set. Miss Newton's position as senior  
office assistant has been taken by Miss E. Lak-  
in the staff extend best wishes for  
her new home.



THE SEDDON MEMORIAL TECHNICAL COLLEGE FULL-TIME STAFF, 1938.

Back Row: Messrs. A. B. Ohlson, H. W. James, I. Hayman, H. P. Loevas, H. W. King, J. Dalimore, J. L. G. Carnachan, W. M. Brown, C. L. Maloy, J. Sinton, J. F. de Lisle, L. E. Adams, H. Stewart,  
R. M. Webber.  
Third Row: Messrs. E. C. Woeller, B. I. Fulton, E. L. M. James, L. M. McKillop, E. H. Halstead, S. Goldsmith, L. S. Wood, A. G. Adams, J. Brooke, N. Whaley, J. Pybus, A. A. Smyth, W. M. Smyth,  
A. D. Davidson, J. M. Scobie, W. Gemmell.  
Second Row: Misses V. McCormack, M. Wilderspin, K. M. Irving, D. A. McClymont, T. Clough, M. G. Anderson, L. Anderson, F. Boynton, C. J. Vickery, J. Guy, N. E. Burley, A. Bell, E. M. Lamason, E. I. Wright,  
J. Galloway.  
Front Row: Mr. G. W. C. Drake, Misses M. F. E. Adams, D. O. Henderson, A. A. Stubbs, Messrs. B. M. Davis, F. Parker, Miss E. M. Davis, Mr. W. E. Burley (acting-principal), Mr. E. S. Closs,  
Miss M. J. A. Sney, Messrs. H. A. Jones, C. M. Taylor, I. E. Titheridge, H. W. Hollies, J. W. Ash.

PREFECTS' NOTES

At last we see realised the hopes  
of the prefects before us, and we are  
glad that we are writing these notes  
in a newly remodelled prefects'  
club. The funds raised from several  
events for this worthy cause, and  
contributions from various members of the  
staff, whom we should like to take  
this opportunity of thanking, also the gene-  
rosity of the Board of Managers who  
are in touch with our little needs by

Miss Seay and Mr. Burley, we have achieved a room which is really a picture (sometimes!) with gay cushions, freshly painted walls, lockers done in a pretty shade of green with curtains to match.

We began the year with 16 members but that number was diminished to 11 when Avis Badley, Lorna Manson, Margaret Chatteris, Betty Campbell and Evelyn Godfrey left to join the busy working throng, but at the beginning of this term Vivienne Orr was added to our ranks, making us 12 in all.

During the year a Social was held and we feel that we owe no small part of its success to the very tasty and attractive supper that Miss Seay provided for us. It really was a rare feast. One of our members had been very insistent about hot sausage rolls and so hot sausage rolls were included in the menu. At supper time we understood the reason!

The school year is drawing to a close now and to many of us it brings the end of our school-days. Like all good things they can't go on forever and we must move on and make room for others who, we hope, will carry on further the work that has been done by the 1938 Prefects of the College.

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**HINDLEY SCHOLARS**

The award of a Hindley Scholarship is the greatest honour which the school has to bestow on its pupils. The following have been chosen Hindley Scholars for 1938.

**Janet Frater** (Head Girl) is a third year student in the Commercial Course. She took a prominent part in the Gilbert and Sullivan opera "Iolanthe" presented by the College this year. She is to be congratulated on the poise and confidence she displayed when presenting a cheque on behalf of the pupils to Mr. Park just before he left Auckland for his tour overseas.

◆ ◆ ◆ ◆  
**Jean Isbister** is a student in the Accountancy course who passed the University Entrance Examination at the end of 1936. She is a prefect and is now studying Accountancy.

◆ ◆ ◆ ◆  
**June Shepherd** is a third year student in the Domestic course and is a prefect.

**Sybil Robertson** is in her second year as a prefect. As a student in the Accountancy course she passed the School Certificate Examination.

◆ ◆ ◆ ◆  
**A. D. Pike** (Head Boy) is a fifth year boy who has been Head Prefect for two years. He captained the First Eleven and played in the First Fifteen. He also won a Hindley Scholarship last year.

◆ ◆ ◆ ◆  
**G. F. Fergusson** passed the University Entrance Examination at the end of 1937. He is a prefect, member of the First Fifteen and a winner of a Hindley Scholarship last year. He left early this year to take up a commercial position.

◆ ◆ ◆ ◆  
**D. Piggott** is a prefect and a prominent member of the rifle club. He has taken a great interest in the Cadet Corps, being the battalion sergeant-major. He is studying for the University Entrance Examination this year.

◆ ◆ ◆ ◆  
**L. Taylor** is a prefect and an engineering student with a good games record. He led the First Fifteen very capably for most of the season owing to an injury to the captain, and is a leading member of the First Eleven.

◆ ◆ ◆ ◆  
**RUGBY PRESENTATION**

On Monday, November 7, a deputation from the Old Boys' Rugby Football Club consisting of Messrs. Galbraith (president), Blow and Cooper was present at the morning assembly in the Hall. After the usual routine had been concluded, Mr. Burley, acting-principal of the College, called on Mr. Galbraith to address the boys. Mr. Galbraith spoke of the interest of old boys in our school Rugby and in appreciation of what had been done for them in their own school-days he presented the cups with miniatures to the most improved back and the most improved forward in the school. These were won by R. Pery and J. Sive-wright, both members of the first fifteen. Then followed the presentation of a set of caps to the members of the Fifth A Rugby team who were successful in winning their grade championship without a single loss during the past season.

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FIRST ELEVEN, 1937.  
 Back Row: W. Hillier, D. Packer, L. Frydger, K. Catterall, R. Stead,  
 Front Row: B. White, A. Thomas, A. Wiles (captain), F. Ferguson, W. Minns.  
 Absent: C. Brady.  
 —Photograph by Alan Blakey.

# SUMMER SPORTS

## CRICKET - SWIMMING ATHLETICS - TENNIS

### CRICKET

**FIRST ELEVEN.**  
(Coach, Mr. G. M. Taylor)

**THIRD TERM, 1937.**

#### AUCKLAND GRAMMAR v. S.M.T.C.

This match was played at Auckland Grammar. We won the toss and Wiles elected to bat, Hillman and Healy opening to the bowling of Carnachan and Collins. With the score at two Healy was bowled by Carnachan, 2-1-2. The rest of the batsmen, excepting Brady who scored 44 not out, fared only moderately well and we were all out for 104.

Grammar opened with Warner and Armstrong and with the score at eight Armstrong was bowled by Wiles. Bailey was the next batsman and after scoring 25 was run out, 16-2-25. Arkinstall followed and he and Warner took the score to 144 before Warner was run out, 144-3-76. The other batsmen did not fare very well and Grammar declared with nine wickets down for 262, Arkinstall having scored 102 not out.

Our second innings was worse than the first and we were all out for 88.

This gave Grammar a win by an innings and 70 runs.

#### S.M.T.C.—First Innings.

Healy, b Carnachan .....	2
Hillman, lb.w. b Collins .....	2
Brady, b Arkinstall .....	54
Minns, b Carnachan .....	0
Wiles, lb.w. b Arkinstall .....	12
Thomas, b Arkinstall .....	10
Ferguson, lb.w. b Foster .....	4
Pike, b Foster .....	10
Quinton, st. Warner, b Arkinstall .....	4
White, not out .....	2
Holland, b Foster .....	0
Extras .....	3
<b>Total .....</b>	<b>104</b>

Bowling Analysis: Carnachan, two wickets for 10 runs, Collins, one for five, Arkinstall, four for 38, Foster three for 21.

#### AUCKLAND GRAMMAR.—First Innings.

Warner, run out .....	77
Armstrong, b Wiles .....	6
Bailey, run out .....	25
Arkinstall, not out .....	102
Jackson, c Brady, b Wiles .....	10
Collins, lb.w. b Pike .....	6
Foster, b Wiles .....	0
Fraser, c Holland, b Wiles .....	1
Rae, c Brady, b White .....	5
Matthews, b Wiles .....	0
Carnachan, not out .....	12
Extras .....	18
<b>Total .....</b>	<b>262</b>

Bowling Analysis: Wiles, five wickets for 74 runs, White, one for 44, Pike, one for 60.

#### S.M.T.C.—Second Innings.

Healy, c Matthews, b Carnachan .....	5
Hillman, c Jackson, b Arkinstall .....	14
Brady, st. Warner, b Arkinstall .....	6
Minns, run out .....	0
Wiles, c Warner, b Arkinstall .....	8
Thomas, b Arkinstall .....	7
Ferguson, lb.w. b Foster .....	14
Pike, c Collins, b Foster .....	2
White, lb.w. b Jackson .....	7
Quinton, c Warner, b Jackson .....	8
Holland, not out .....	14
Extras .....	3
<b>Total .....</b>	<b>88</b>

Bowling Analysis: Carnachan, one wicket for 16 runs, Arkinstall, four for 24, Foster, two for 15, Jackson, two for 18.

#### MOUNT ALBERT GRAMMAR v. S.M.T.C.

This was a one-day fixture played at Mt. Albert. Wiles lost the toss and we were put in to bat. Hemus proved a destructive bowler and we were all out for 74.

Mt. Albert went in and two wickets were down for two runs when Taylor and Phillips were associated in a good partnership and, at the finish of the day's play, eight wickets were down for 167, Taylor having made 85.

#### S.M.T.C.—First Innings.

Hillman, b Hemus .....	8
Ferguson, lb.w. b Hemus .....	18
Brady, run out .....	3
Wiles, b Kingstone .....	8
Maskell, lb.w. b Hemus .....	6
Catterall, b Hemus .....	0
Thomas, hit wicket, b Hemus .....	6
Pike, c Meltzer, b Hemus .....	11
White b Hemus .....	0
Minns, not out .....	8
Taylor, b Hemus .....	1
Extras .....	5
<b>Total .....</b>	<b>74</b>

Bowling Analysis: Hemus, eight wickets for 35 runs, Kingstone, one for five.

#### MOUNT ALBERT GRAMMAR.—First Innings.

Gould, b Wiles .....	1
Burgess, lb.w. b Pike .....	0
Irvine, lb.w. b White .....	14
Taylor, c White, b Wiles .....	35
Phillips, b Taylor .....	33
Meltzer, c Thomas, b Taylor .....	0
Kingstone, not out .....	0
Hemus, c Thomas, b Wiles .....	4
Bentley, c Maskell, b Wiles .....	9
Extras .....	11
<b>Total for eight wickets (dec.) .....</b>	<b>167</b>

A win for Mt. Albert on the first innings.

**KING'S COLLEGE v. S.M.T.C.**

This match was played at King's. King's won the toss and decided to bat. Dixon and Morrison facing the bowling of Wiles and Pike. With the score at four Dixon was bowled by Wiles. Hargraves was next and with the score at six Morrison was bowled by Pike. The other batsmen did not last long and King's were out for 62.

Hillman and Ferguson opened for us and with the score at 17. Hillman was stumped, 17-1-0. Brady and Maskell did not last long and with the score at 34 Wiles and Pike became associated in a partnership of 75 runs when Wiles was out lb.w. with his total at 61, 129-5-61. The tall "wagged" and we were all out for 208.

In their second innings, King's did much better scoring 155, thus leaving us 14 runs to win. This we accomplished with the loss of one wicket.

**KING'S.—First Innings.**

Dixon, b Wiles	0
Morrison, b Pike	4
Hargrave, b Pike	5
Mackay, c White, b Wiles	5
Cawkwell, b Pike	14
Rule, b Pike	1
Bibby, lb.w. b Pike	0
Hayes, b Wiles	12
Savage, c sub., b Pike	9
Beale, not out	2
Campbell, b Wiles	2
Extras	9
Total	62

Bowling Analysis: Wiles, four wickets for 24 runs, Pike, one for 29.

**S.M.T.C.—First Innings.**

Hillman, st. Beale, b Dixon	9
Ferguson, b Cawkwell	9
Brady, b Campbell	8
Maskell, c Mackay, b Cawkwell	11
Wiles, lb.w. b Cawkwell	61
Pike, b Bibby	49
Thomas, lb.w. b Campbell	4
Minns, st. Beale, b Campbell	4
Taylor, b Rule	16
Stead, b Campbell	15
Catterall, not out	29
Extras	3
Total	208

Bowling Analysis: Rule, one wicket for 32 runs, Cawkwell, three for 70, Dixon one for 19, Campbell, four for 42, Bibby one for 33.

**KING'S.—Second Innings.**

Beale, lb.w. b Pike	3
Dixon, lb.w. b Ferguson	11
Cawkwell, b Wiles	21
Mackay, b Wiles	1
Rule, run out	23
Hayes, b Wiles	0
Savage, b Ferguson	31
Morrison, not out	25
Campbell, c Maskell, b Stead	17
Hargrave, c Minns, b Ferguson	1
Bibby, b Pike	21
Extras	4
Total	159

Bowling Analysis: Pike, two wickets for 35 runs, Wiles, three for 35, Ferguson, three for 42, Stead, one for six.

**S.M.T.C.—Second Innings.**

Thomas, not out	0
Pike, b Campbell	18
Total for one wicket	18
Total	24

**TAKAPUNA GRAMMAR v. S.M.T.C.**

Takapuna, winning the toss, elected to bat and were all out for 91. Minogue being the principal scorer with 49. In our first innings we scored 89, two runs behind Takapuna, Pike being the principal scorer with 41.

Takapuna's second innings opened in a sensational manner. Minogue being run out before he scored a run. Minns now came to light with some splendid bowling with the result that in a short time, Takapuna had five wickets down for two runs and the innings closed for only 24 runs. The necessary 27 runs for an outright win were made for the loss of four wickets. Minns secured an excellent "bag" of six wickets for seven runs—no mean performance against a team of the batting calibre of Takapuna Grammar School.

**TAKAPUNA.—First Innings.**

King, lb.w. b Taylor	6
Minogue, run out	49
Sutcliffe, c Perry, b White	2
Mills, c Trewreck, b White	5
Lowther, b Minns	5
Jones, run out	4
Dacre, not out	6
Mackie, b White	6
Hunt, lb.w. b White	4
Hendry, b White	3
Patrick, b White	0
Extras	7
Total	91

Bowling Analysis: Minns, one wicket for 29 runs, Taylor, one for seven, White, six for 35.

**S.M.T.C.—First Innings.**

Ferguson, b Patrick	0
Catterall, run out	0
Maskell, c Minogue, b Mills	7
Trewreck, lb.w. b Patrick	25
Minns, b Mills	0
Pike, c Jones, b Patrick	41
Thomas, lb.w. b Patrick	0
Taylor, b Mills	10
White, c Jones, b Mills	2
Perry, b Mills	10
Stead, not out	0
Extras	4
Total	89

Bowling Analysis: Patrick, four wickets for 16 runs, Mills, five for 21, Hendry, none for 10, Hunt, none for 15.

**TAKAPUNA.—Second Innings.**

King, c Maskell, b Minns	2
Minogue, run out	0
Mills, c Maskell, b Minns	0
Sutcliffe, c Perry, b Minns	0
Jones, b Taylor	1
Hunt, c Thomas, b Minns	0
Lowther, not out	0
Dacre, c White, b Minns	2
Mackie, c Maskell, b Minns	0

Hendry, run out	1
Patrick, b Pike	7
Extras	2
Total	24

Bowling Analysis: Minns, six wickets for seven runs, Taylor, one for 19, Pike, one for five.

**S.M.T.C.—Second Innings.**

Ferguson, not out	10
Catterall, b Mills	6
Thomas, run out	6
Maskell, c Hunt, b Mills	2
Trewreck, c Jones, b Mills	1
Minns, not out	7
Extras	2
Total for four wickets	34

Bowling Analysis: Mills, three wickets for 18 runs, Patrick, none for five, Hunt, none for nine. A win for S.M.T.C. by six wickets.

**SACRED HEART v. S.M.T.C.**

This match was played at Mt. Albert. Sacred Heart, winning the toss, batted first, Stone and Williams opening to the bowling of Minns and Pike. With the score at five, Williams was bowled by Minns, 5-1-3. Hogan was next but did not last long being dismissed lb.w. by Minns, 11-2-0. McCullough was next and was out for nine, being caught by Catterall off White who had replaced Pike, 25-3-9. Stone was out at the same score, 25-4-12. The other batsmen fared only moderately well and they were all out for 87, Minns and White sharing the bowling honours.

Catterall and Ferguson opened for Technical to the bowling of McCullough and Sorenson. Disaster came early when Catterall was out without opening his account, 3-1-0. Maskell, the incoming batsman, was soon out, 6-2-2. Trewreck and Ferguson then became associated until Ferguson was dismissed by McMaisters, 15-3-16. The other batsmen performed fairly well and the innings closed at 156.

In the second innings Sacred Heart batted well and scored 181 runs, Doyle being the principal scorer with 65 not out.

In our second innings the batting slumped and we were all out for 79. Thomas being the principal scorer with 20 runs for his credit.

**S.H.C.—First Innings.**

Stone, c Perry, b Minns	13
Williams, b Minns	3
Hogan, lb.w. b Minns	0
McCullough, c Catterall, b White	9
Doyle, not out	18
Sorenson, c Maskell, b White	2
McMaster, c Perry, b White	0
Donovan, b Minns	9
Cooney, b Minns	11
George, c Pike, b White	0
McDonnell, b Minns	14
Extras	8
Total	87

Bowling Analysis: Minns, six wickets for 29 runs, White, four for 28, Pike, none for 18.

**S.M.T.C.—First Innings.**

Catterall, c Stone, b McCullough	0
Ferguson, lb.w. b McMaster	16
Maskell, b Sorenson	2
Trewreck, b McDonnell	36

Minns, b George	38
Pike, b Sorenson	29
Thomas, b George	0
White, lb.w. b Sorenson	8
Taylor, b Sorenson	0
Perry, not out	11
Stead, lb.w. b McCullough	16
Extras	1
Total	156

Bowling Analysis: McCullough, two wickets for 30 runs, Sorenson, four for 28, George, two for 12, McMaster, one for 22, McDonnell, one for 16.

**S.H.C.—Second Innings.**

Williams, c Maskell, b Taylor	15
Stone, c Perry, b Minns	21
Hogan, lb.w. b White	9
Doyle, not out	65
McCullough, lb.w. b White	4
Donovan, b White	6
Sorenson, b White	6
McMaster, c Catterall, b Pike	21
McDonnell, b White	3
Cooney, b Pike	16
George, b Minns	4
Extras	17
Total	181

Bowling Analysis: Minns, two wickets for 44 runs, White, five for 57, Pike, two for 29, Taylor one for 16.

**S.M.T.C.—Second Innings.**

Catterall, b Sorenson	1
Ferguson, lb.w. b McCullough	0
Maskell, b McMaster	8
Trewreck, b McCullough	6
Minns, b Cooney	12
Pike, c Cooney, b George	16
Thomas, b Sorenson	29
White, run out	1
Taylor, c Donovan, b Sorenson	12
Perry, b McCullough	1
Stead, not out	0
Extras	2
Total	79

Bowling Analysis: McCullough, three wickets for 29 runs, Sorenson, three for 26, McMaster, one for three, Cooney, one for 14, George, one for 10.

**AUCKLAND GRAMMAR v. S.M.T.C.**

We won the toss and elected to bat on a good wicket. Ferguson and White opening to the bowling of Sorenson and Carmichael. With the score at one, Ferguson was out lb.w. 1-1-0. White followed him to the pavilion with the score at 13, 13-2-4. Catterall was dismissed without scoring, 13-3-0. Maskell and Minns added 24 runs when Maskell was out for 23, 47-4-23. Pike and Minns added 29 runs until Minns was bowled, 67-5-22. Pike was next out with the score at 79, 79-6-19. The tall failed to wag and we were all out for 82.

Grammar opened and at stumps had five wickets down for 105.

Continuing on the following Saturday, Grammar was finally dismissed for 190, several batsmen reaching over 20.

In our second innings we did much better and scored 199 runs, Trewreck 55, and Maskell 54, being the principal scorers.

Thus Grammar won by 108 runs on the first innings.

S.M.T.C.—First Innings.

Fergusson, l.b.w. b Carrachan	0
White, run out	4
Maskell, stumped Jones, b Roe	23
Catterall, run out	0
Minns, b Stichbury	22
Pike, b Matthews	18
Treweek, b Roe	6
Thomas, not out	3
Wilson, run out	0
Perry, l.b.w. b Roe	0
Taylor, b Roe	0
Extras	5
Total	82

Bowling Analysis: Carrachan, one wicket for 19 runs, Stichbury, one for 25, Roe, four for five, Matthews, one for 11.

GRAMMAR—First Innings.

Gill, b Minns	13
Roe, l.b.w. b White	13
Fraser, b Fergusson	25
Fleury, run out	34
Smeeton, b White	0
Matthews, c Perry, b White	13
Bosden, c Maskell, b Pike	35
Jones, b Taylor	39
Stichbury, l.b.w. b Pike	2
Ellis, b Pike	0
Carrachan, not out	11
Extras	13
Total	190

Bowling Analysis: Minns, one wicket for 52 runs, Pike, three for 30, White three for 54, Fergusson, one for seven, Taylor, one for 26.

S.M.T.C.—Second Innings.

Fergusson, run out	5
White, b Stichbury	4
Maskell, c Jones, b Matthews	54
Treweek, b Matthews	55
Minns, c Fraser, b Matthews	0
Pike, c Gill, b Carrachan	22
Thomas, c Roe, b Smeeton	14
Wilson, b Ellis	14
Catterall, b Smeeton	0
Perry, c Fleury, b Roe	11
Taylor, not out	11
Extras	2
Total	193

Bowling Analysis: Smeeton, two wickets for 55 runs, Carrachan, one for 45, Stichbury, one for 22, Ellis, one for 22, Roe, one for 18, Matthews, three for 20.

AVERAGES FOR 1937.

**Batting:** Wiles who has been a tower of strength to the first eleven ever since he has been at the College led the averages with the respectable tally of 39 runs per innings. He was followed by Hillman and Brady with an average of 19 each and then Pike with 17.

**Bowling:** Although Wiles was the most destructive bowler with 21 wickets at a cost of 19 runs apiece, he was second on the list to Hillman who secured six wickets for eight runs per wicket. The third most successful bowler was Pike with 12 wickets at a cost of 12.3 runs each.

SECOND ELEVEN.

(Coach: Mr. Drake.)

The members of the second eleven comprised: Melhose (captain), Arblaster, Cranch, Smith, McKee, Quinton, Connelly, McConnell, Sumich, Wilson, Lay, Holland, Norris.

Three matches were played during the first term. The first, against Mt. Albert, was unfinished, with Mt. Albert having a big lead on the first innings. The second, against Takapuna Grammar, resulted in a close win for Takapuna, after Technical had led on the first innings. The last match, against Grammar B, resulted in a win for Technical. Melhose and Quinton bowled well for our side, and Arblaster put up the best batting performance. The fielding was patchy, with occasional excellent performances; had the fielding been consistently good, it is probable that all the matches would have been won. Fielding is a department of the game on which much depends, and any player who tries hard enough and gets sufficient practice, can become reasonably good at it.

Many of our members have left since the first term, and there are vacancies to be filled in the first eleven, so that it is probable that next term's second eleven will contain few of the original members.

THIRD ELEVEN.

(Coach: Mr. L. McKillop.)

Captain Eric Davison led a band of keen and energetic cricketers into the field in our first term games. Our two demon bowlers, Eric Sutcliffe and Jack Laing, often struck terror into the opposing batsmen, and on one historic occasion had four of the opponents out for no runs. However, we have no wish to comment on our own batting performances in this particular match.

We won two matches and lost three, but the three we lost were very close, and we consider that losing the toss consistently in every match snatched victory from us at least once.

The team had some very useful batsmen in Davison, Mitchell, Tuki, Barry and Sutcliffe, and the fielding was generally satisfactory. The only day our fielding slipped was the day after our annual athletic sports, when everyone appeared to be very tired.

The team: Davison (captain), Sutcliffe (vice-captain), Mitchell, Tuki, Barry, Lay, Laing, Moloughney, Collins, Taplin, Taylor, Wallace.

FOURTH ELEVEN.

(Coach: Mr. H. Stewart.)

Although the fourth cricket eleven which played in the third grade started the 1938 season with two defeats, the team later settled down and improved considerably, the remaining games of the round being won.

The opening match against the third eleven resulted in an easy win for the latter. The following game against Takapuna Grammar was lost on the first innings, Brown and B. Wilson being the principal scorers.

The third game against Sacred Heart resulted in a win on the first innings by 20 runs, Masson and D. Wilson being top scorers with 25 and 17 respectively.

The last match, against Mt. Albert B resulted in a six point win by 10 runs after an exciting contest.

During the season the most consistent bats were B. Wilson, Masson and Brown. Nairn and B. Wilson were the outstanding bowlers, while Ashley was a very sound wicket-keeper.

The team comprised: Nairn (captain), B. Wilson, N. Wilson, D. Wilson, Brown, Rogers, Masson, Ashley, Woodhead, Taplin, Sutton.



PHYSICAL DRILL AT THE DOMAIN

By courtesy of the Auckland "Star."

#### FIFTH ELEVEN.

(Coach: Mr. Maloy.)

Although this team has only one victory to its credit—and that against the school B team in the same grade—the members are to be commended on the fine spirit in which they have played their matches. There was always a full team—even when it was evident that the grade was too high. Among some of the players who showed promise are: L. Middleton, as a bowler; Caterall, with the bat; and S. Wright as wicket-keeper. As usual, several players showing ability were soon lost to higher grade teams.

Team: R. McGregor (captain), S. Wright, L. Middleton, T. Paul, J. Callinan, G. Davies, D. Archibald, R. Brooks, K. Smith, E. Laurie, I. Caterall, A. Lovett.

#### SIXTH ELEVEN.

(Coach: Mr. W. M. Smyth.)

The seventh eleven played only three matches at the end of last year and were roundly beaten in each of them. However the games were keenly played and a number of the team are playing in higher grade elevens this year. Delgrosso came to light as a bat in the last two games and Hall bowled well. Hoare was one of the keenest players while Brinsden made a good captain.

#### EIGHTH ELEVEN.

(Coach: Mr. J. F. de Lisle.)

Team: Morgan (captain), Carr, Carmichael, Deery, Emirall, Fraser, Hill, Kalka, May, Menzies, Rhodes, Stevenson, Yager.

Able captained by Morgan, the team although keen did not have many successes in the Saturday games. The fielding and bowling showed promise but with one or two exceptions the batting was not as good. Morgan, Emirall, Fraser and May did well with the ball, while Kalka was a sound opening bat.

### TENNIS

#### GIRLS' TENNIS NOTES.

In 1937 the College tennis championships were held at Windmill Road. The senior singles championship was won by Joan White who was undoubtedly the best player in the school.

Joan White and Catherine Buchman had an easy victory in the doubles. There were few entries in the junior championship which was won by Joan Forrest.

The House matches were keenly contested, and Hindley House, who had the good luck to owe Joan White was victorious. They were closely followed by Seddon House who had Jessie McLennan and Diana Harre to play for them.

We are very grateful to the Training College for allowing us to use their five tennis courts, all through the season.

#### BOYS' TENNIS NOTES.

Owing to the large number of junior entries, it was impossible to complete the annual tennis championships in one day. Consequently the preliminaries were played on Tuesday at the Mountain Road courts, while the final rounds were completed at the courts of the Royal Oak Lawn Tennis Club.

During 1937 most of our prominent players had left the College. While this added considerably to the interest of the tournament as the events were very open, naturally, the standard of play in the senior championship was not particularly high.

The entries in the senior championship were considerably larger, but Richardson, the winner of the Secondary schools intermediate doubles, seemed to be the probable winner. He had had considerable experience and had conclusively proved that he possessed a fighting temperament. On Tuesday he reached the semi-final without being unduly worried, but, early on Friday morning, his confidence was shattered by a very close and desperate three set struggle with Sproule. This match definitely affected his play for the remainder of the day. Meanwhile, Kay had been steadily working his way to the final, although he had a severe and protracted match with White, who was carrying on the good old first eleven custom of showing the tennis boys how easy the game really is. The final was played early in the afternoon and when the two boys went on to the court, nobody, including probably Kay himself, considered that he had any chance of success. Then was witnessed one of the most remarkable finals ever played in the College. Kay rose to the occasion and, playing very steady and courageous, even if not brilliant tennis, took the first set comfortably, with the loss of only one game. Richardson was definitely out of touch and had no hope of checking his opponent. In the second set Kay went away to an early lead, but Richardson, who had realised his desperate position, equalized at four all, only to lose the set, 6-4. Kay, a very modest and unassuming victor, definitely deserved his success. He produced the best tennis of which he was capable and showed no signs of wilting under the strain of a final. Perhaps he might be considered lucky, but that alone will not explain the large margin by which he secured his victory. It was, of course, definitely his day, but probably, also, his qualities as a match player had been under-estimated. Richardson deserves sympathy because, on the day, he could not reproduce his usual form. No one who saw the match could deny that he was out of touch. He is very keen and enthusiastic but, as his play looks sting, he is at the mercy of a sturdier opponent. No doubt he was guilty of over-confidence as he undoubtedly took Kay far too lightly in the early stages of the match. Kay must have the distinction of being the youngest winner of the senior championship—a very good performance for a boy of under 14. He is keen and, as he is working hard on stroke production, he is building up a repertoire of strokes which will render him very difficult to beat. It is probably no exaggeration to say that he may yet be one of the most finished players the College has ever had.

The senior doubles were completely devoid of sparkle until the final which was played at the very end of the day. In this, Richardson and Nunnerley defeated Clarkson and Kay, 6-4, 9-7 in two rather dreary sets. Clarkson and Kay seemed content to rest on their newly-won laurels and lacked the dash and determination of which they are capable. Richardson was still playing very erratically so that it was Nunnerley's concentration and keenness which stiffened their side.

The junior singles were very much more interesting while the standard of the play was practically up to the usual standard. Nunnerley reached the semi-final with the loss of only one game. His most noteworthy win was his overwhelming defeat of Bates who had defeated Gooch. The other semi-finalist in the top half was Morrison, who had defeated Hurley and Giles. Morrison is certainly no stylist but is very steady and determined and is, moreover, a most deceptive looking player. Clarkson also reached the semi-final without the loss of a single game while Kay, the other semi-finalist had been extremely lucky to beat Lawford in the third round. Nunnerley defeated Morrison quite comfortably in two straight sets although Morrison's steady

ness made the match rather protracted. Clarkson defeated Kay very easily indeed. As this was prior to the senior final it was obvious that Clarkson was definitely superior. In the final Clarkson defeated Nunnerley in two straight sets although the first set went to 5-6. Yet the issue was never in doubt. Clarkson is probably one of the best junior champions we have had. He has a very sound service and is remarkably severe overhead for a boy. His volleying although not pretty, is very effective, but his ground strokes are very badly produced. On the day he looked and played like a winner. Nunnerley is probably the best tactician in the College, but he labours under the handicap of a shockingly weak service while his ground strokes are not sufficiently severe. We have a number of keen and promising Juniors—Kay, Clarkson, Nunnerley, Beek, Giles, Goodch and Tye.

The Junior doubles were a gift to Clarkson and Nunnerley who lost only six games in the whole event. In the final they defeated Blake and Giles who had previously beaten Hurley and Tye.

#### The Secondary Schools' Championships.

The Secondary Schools' tournament left us disappointed and distressed but not, we hope, discouraged. As was obvious from the College championships, where Richardson, in the doubles, was the only senior to gain a title, we had no chance in the senior section. We held high hopes in the intermediates—our "boobies" section. Although Kay, who had been concentrating on stroke production, was naturally not playing good match stuff, Clarkson and Nunnerley seemed very promising while we expected the others to perform creditably. Except for Kay and Clarkson, who reached the semi-final of the doubles, our entrants never looked dangerous. Tye and Nunnerley performed fairly creditably in the singles but there were no outstanding performances. Here for the first time, Clarkson who at school looks a very promising and courageous player, betrayed his fatal weakness. Once he plays in outside matches he displays absolute lack of courage and confidence and is merely a tragic shadow of his real self. This may be due to lack of experience but, until he learns to rise to the occasion, he will never perform as he should. Our record in the Junior section was also completely undistinguished.

We have had several pleasant inter-school matches with Otahuhu Technical High School and Sacred Heart College. While we have not been successful we held very high hopes for next season.

#### Holders of the College Titles.

Senior Champion: I Kay.  
Junior Champion: K. Clarkson.  
Senior Doubles Champions: E. Richardson and L. Nunnerley.  
Junior Doubles Champions: K. Clarkson and L. Nunnerley.  
Recommended for Tennis Badges, 1938: Kay, Clarkson, Nunnerley.

\* \* \* \*

The improvement in metal steels has done much to promote the efficiency of the modern locomotive. Bolters and tubes to stand higher temperatures and pressures; couplings and connecting rods which would transmit the increased load, but which, being lighter, lessened the weight of reciprocating parts and thus the vibration, are but two of the applications of this wonderful metal.

## ATHLETICS

### BOYS' ATHLETIC SPORTS.

For the first time the boys' athletic sports were held on the Hockey Grounds at Market Road, Remuera. Naturally, of course, the track was not up to the standard of that at the Domain where a number of preliminary events had been run off on the preceding Tuesday. However, Friday the 25th of March, 1938 dawned brightly and a lengthy programme was carried out successfully despite the disadvantages of a bumpy track and poor accommodation for the non-competitors.

The outstanding competitors were:—

Gillanders who won the senior championship with 25 points.

Lambert, the winner of the intermediate championship, who established two records in his section. He reduced the 880 yards formerly held by N. J. Schellack with 2min. 29secs. in 1936 to 2min. 19secs. while he wrested victory in the 90 yards hurdles by a very narrow margin from Siverwright in the record time of 14secs.

MacDonald who established records in the intermediate long and high jumps. The new figures are:—Long Jump, 16ft. 10in. and high jump, 4ft. 3 1/2in. It was extremely unfortunate for Ashley (Binns) that he was not an official competitor in these events because his performances were: 17ft. 11in. and 4ft 1 1/2in.

Payne, winner of the Junior championship with 21 points. It is to be regretted that the next three leading competitors in the Junior events were over-age and their results had to be cancelled.

#### Championship Results.

Senior.—Gillanders (Seddon), 25 points, 1; Taylor (Binns), 14 points, 2.

Intermediate.—Lambert (Hindley), 22 points, 1; MacDonald (Binns) and Catterall (Hindley), 10 points, 2.

Junior.—Payne (Hindley), 23 points, 1.

#### House Points.

Seddon 138 5-6, Hindley 37 1/2, Wellesley 114 1-3, Binns 107.

#### Senior Championship Events.

100yds.—Gillanders (S) 1; Taylor (B) 2; Savage (W) 3. Time: 15 4/5secs.

220yds.—Gillanders (S) 1; Taylor (B) 2; Savage (W) 3. Time: 25 3/5secs.

400yds.—Gillanders (S) 1; Hosking (H) 2; Laurie (S) 3. Time: 62secs.

880yds.—Gillanders (S) 1; Taylor (B) 2; Laurie (S) 3. Time: 2min. 19 4/5secs.

One mile.—Taylor (B) 1; Laurie (S) 2; Minns (H) 3. Time: 5 min. 25secs.

120yds. Hurdles.—Stead (W) 1; Laurie (S) 2; Minns (H) 3. Time: 19 4/5secs.

Long Jump.—Gillanders (S) 1; Stead (W) 2; Laurie (S) 3. Distance: 16ft. 10in.

High Jump.—Stead (W) 1; Savage (W) 2; Laurie (S) 3. Height: 4ft. 10in.

#### Intermediate Championship Events.

100yds.—Catterall (H) 1; Lambert (H) 2; Siverwright (W) 3. Time: 14secs. (no record owing to a helping wind.)

220yds.—Catterall (H) 1; Lambert (H) 2; Siverwright (W) 3. Time: 27 2/5secs.

400yds.—Lambert (H) 1; Connelly (B) 2; Robertson (B) 3. Time: 59 4/5secs.

880yds.—Lambert (H) 1; Connelly (B) 2; Robertson (B) 3. Time: 2min. 19secs. (record).

90yds. Hurdles.—Lambert (H) 1; Siverwright (W) 2; Crawford (W) 3. Time: 14secs. (record.)

Long Jump.—MacDonald (B) 1; Siverwright (W) 2; Lambert (H) 3. Distance: 16ft. 10in. (record.)

High Jump.—MacDonald (B) 1; Crawford (W) 2; Marks (H) 3. Height: 4ft. 10in. (record.)

#### Junior Championship Events.

100yds.—No result owing to first three boys being over age.

220yds.—Payne (H) 1.

400yds.—Payne (H) 1.

880yds.—Payne (H) 1; Fargher (S) 2; Smith (W) 3. Time: 2min. 31 1/5secs.

Long Jump.—Payne (H) 1; Fargher (S) 2. Distance: 16ft. 6in.

High Jump.—Fargher (S) 1; Payne (H) 2; Height: 4ft. 5 1/2in.

#### Scratch Races—100yds.

Under 13 1/2.—Morris (B) 1; Catterall (H) 2; Hayson (B) 3. Time: 13secs.

Under 14.—McGeoghegan (E) 1; Ellison (B) 2; Davidson (H) 3. Time: 12 4/5secs.

Under 14 1/2.—Haywood (W) 1; Ewen (W) 2; Crabb (H) 3. Time: 12 2/5secs.

Under 15.—Hoskoth (H) 1; Smythe (S) 2; Jamieson (B) 3. Time: 12 2/5secs.

Under 15 1/2.—Meloungney (H) 1; Tait (H) 2; Gladding (S) 3. Time: 12 1/5secs.

Under 16.—Turt (W) 1; Billings (H) 2; McMahon (W) 3. Time: 12 1/5secs.

#### Handicap Events.

220yds. handicap over 16.—Horton (W) 1; James (S) 2; Hunter (S) 3.

400yds. handicap over 16.—Horton (W) 1; Clifton (B) 2; Buckley (S) 3. Time: 63secs.

400yds. handicap under 16.—Billard (W) 1; Ashley (B) 2; Foley (H) 3. Time: 62secs.

400yds. handicap over 16.—Melhose (H) 1; Wasey (S) 2; Levett (B) 3. Time: 62secs.

880yds. handicap over 16.—Pigott (H) 1; Wasey (S) 2; Melhose (H) 3. Time: 2min. 18 4/5secs.

One mile open handicap.—Melhose (H) 1; Ballard (W) 2; Perry (S) 3. Time: 5min 29secs.

120yds. hurdles open handicap.—Gavin (H) 1; Stead (W) 2; Hughes (S) 3. Time: 29 1/5secs.

High jump handicap under 16.—Ashley (B) and Thomas (B) equal 1; Brookfield (W) 3. Height: 4ft. 11in.

Long Jump handicap over 16.—Haydon (W) 1; Laurie (S) 2; Cummins (S) 3. Distance: 17ft. 3 1/2in.

Hop, step and jump open handicap.—Haydon (W) 1; MacDonald (B) 2; Wilson (B) 3. Distance: 35ft. 2 1/2in.

#### Field Events.

Throwing the Cricket Ball.—Arbaster (W) 1; Maskell (S) 2; Stead (W) 3. Distance: 325ft.

Throwing the Discus.—Senior (2 kilos).—Pike (W) 1; Haydon (W) 2; Maskell (S) 3. Distance: 63ft. 5 1/2in.

Intermediate (8 lbs.).—Arbaster (W) 1; Siverwright (W) 2; Williamson (W) 3. Distance: 109ft. 10in.

Junior (4 kilos).—Payne (H) 1; Sawyer (H) 2; Andrew (W) 3. Distance: 79ft. 10in.

Putting the Shot.—Senior (12 lbs.).—Maskell (S) 1; Stead (W) 2; Pike (W) 3. Distance: 26ft. 8 1/2in.

Intermediate (8 lbs.).—Arbaster (W) 1; Siverwright (W) 2. Distance: 26ft. 1 3/8in.

Junior (8 lbs.).—Payne (H) 1. Distance: 34ft. 9in.

#### Cycle Events.

One mile open cycle championship.—Furness (S) 1; Buchan (S) 2; Richardson (S) 3. Time: 2min. 56secs.

Two mile open cycle handicap.—Buchan (S) 1; Litchfield (W) 2; Garrod (B) 3. Time: 6min. 31 3/5secs.

One mile open cycle handicap.—Sweetman (H) 1; Furness (S) 2; Garrod (B) 3. Time: 2min. 42 4/5secs.

#### Relay Events.

Supplementary Relays: Under 13 1/2.—Hindley 1; Binns 2; Seddon 3.

Under 14.—Binns 1; Wellesley 2; Hindley 3.

Under 14 1/2.—Wellesley 1; Seddon 2; Binns 3.

Under 15.—Seddon 1; Binns 2; Hindley 3.

Under 16.—Seddon 1; Binns 2; Hindley 3.

Home Relays: Junior.—Binns 1; Seddon 2; Hindley 3.

Intermediate.—Hindley 1; Binns 2; Seddon 3.

Senior.—Wellesley 1; Seddon 2; Hindley 3.

#### SECONDARY SCHOOLS' ATHLETIC CHAMPIONSHIPS.

On the eve of the annual secondary schools' athletic championships it came as a shock to the coaches of the S.M.T.C. athletic team to find that three important members of our junior section were over-age for their events. These boys had already competed at our own annual sports as Juniors and had done so with their carelessness was that in the section of the athletics which we won easily last year, we had practically no representatives this year.

In the intermediate section, however, D. Lambert who won the 440 and 880 yards in the Juniors last year repeated his performance again this year. This promising young athlete deserves the highest praise for his performances and should be repeat his feat in the senior section next year he will have set up a remarkable record. The 880 yards which he won on the tape from his last year's rival, R. H. Hill (A.O.S.), was described as the finest race of the day. J. H. Siverwright deserves special mention for his second place in the 220yds. intermediate hurdles.

Among the seniors, Gillanders, the senior school champion, ran solidly, but could not make any impression on his speedy rivals. An outstanding competitor in the senior group was C. A. Kingstone (M.A.G.S.) who won no fewer than five events. Congratulations are extended to Mr. Albert Grammar who won the senior championship for the second year in succession, and to Auckland Grammar who were successful in the intermediate and junior sections.

#### OLD BOYS' INTEREST IN SCHOOL ATHLETIC RECORDS.

This year the "Seddonian" editor was pleased to receive a visit from Cecil Thorpe, a former school athletic champion, who brought with him an exceedingly interesting and valuable manuscript entitled "An Athlete's Memoirs." Consisting of seventy-two neatly typed pages, this account of athletics in our College from 1922 to 1936 has been a labour of love on the part of Thorpe who attended the College during these years.

He has treated in detail the various athletic sports—both track and cross-country—and has also given an account of the inter-secondary school sports. In an account of these memoirs one realises that the writer has taken a tremendous interest in school athletics. The chief events are recorded in such detail that one could almost close one's eyes and imagine that the meeting is being carried through again.

Thorpe is to be warmly congratulated on the work which he has produced and, although only one copy has been typed out so far, there is no doubt that this record should be available in the school library to let future school athletes read about the deeds of their predecessors. In addition, as the writer says in a foreword: "I have also from time to time given hints in training which will, I hope, be beneficial to all who read them."

## SWIMMING

### A COMMENTARY ON THE GIRLS' ATHLETIC AND SWIMMING SPORTS.

Dear Beryl (Binns),

I must tell you first of all about the annual College sports which, of course, I attended once again.

On February 22, 1938, it was that I set out for the Shelly Beach swimming baths. It was a beautiful sunny morning and on my way I passed crowds of excited girls all making their way to the same destination. From what I could gather the only topic was which house would win the day.

Arrived at the baths most of the girls got into their swimming costumes as quickly as possible, ready for the events for which they had entered. There were many exciting races all of which the girls on the grandstand cheered vociferously, urging on their respective houses. The names of these houses, Binns, Hindley, Seddon and Wellesley, you doubtless have heard before!

Just before lunch came the novelty races, namely the cork, the umbrella and the dressing races. Great was the laughter throughout these events but nothing could equal the excitement during form and house relays where the best swimmers from each house or form competed against their rivals.

Amid many cheers and groans the final results were given out in this order: Hindley, 48; Binns, 45½; Seddon and Wellesley following with 43 and 15½ points respectively.

The champions were:—

Junior.—Beryl James (Seddon), Cora Ireland (Hindley), being the runner-up.

Valda Simmonds (Binns) won the senior championship followed by Joan White (Hindley), and Betty McLiskey (Binns).

The keen rivalry shown by the girls infected me too, and I awaited with impatience the athletic sports. So Friday, March 25, 1938 found me at Blandford Park all agog with excitement.

From the first it was a terrific battle and everyone was keenly excited. The silt and sack races provided plenty of excitement. At the end of the day it was announced that the sports would be finalised on the following Tuesday. I was again at the grounds early to spend what I think was the most exciting afternoon I have known for a long time. The invitation race and the mothers' race showed the sporting attitude of parents and members of the staff towards the school.

The results of the day placed Hindley first with 102½ points and Binns second with 101½ points then Seddon and Wellesley.

The senior championship went this year to Rona Cutler (Binns), with Dawn Spiers (Binns) runner-up. Ena Gearing (Hindley) was the junior champion and Evelyn Eagle (Binns) runner-up.

You will doubtless be interested to note that though in 1937 your Binns beat my Hindley by one point, in 1938 the position now is quite the reverse—so far!

Wishing you better luck next time,

I am,

Your old school-friend,  
Helen Hindley.

## GIRLS' SWIMMING SPORTS.

The girls' annual swimming sports were held under favourable conditions at the Shelly Beach Baths on February 22, 1938. The junior and senior championships and the house points were as follows:—

### Junior Championship.

Beryl James (S) 9 points; Cora Ireland (H) 6 points.

### Senior Championship.

V. Simmonds (B) 6 points; J. White (H) and B. McLiskey (B) equal 3 points.

### House Points.

Hindley 48 points; Binns 45½; Seddon 43 and Wellesley 15½.

23 1-2yds. Backstroke Junior Championship.—B. James (S) 1; C. Ireland (H) 2; J. McKenzie (S) 3.

50yds. Backstroke Senior Championship.—V. Simmonds (B) 1; J. White (H) 2; M. Drake (S) 3.

Umbrella race.—B. James (S) 1; E. Anderson (H) 2; J. Tebbutt (S) 3.

23 1-2yds. Breast-stroke Junior Championship.—B. James (S) 1; C. Ireland (H) 2; E. Anderson (H) 3.

33 1-2yds. Breast-stroke Senior Championship.—B. McLiskey (B) 1; P. Wynne (H) 2; M. Young (H) 3.

50yds. Flange Race.—V. Simmonds (B) 1; L. Pye (H) 2; V. Orr (H) 3.

33 1-3yds. Junior Championship, Overarm.—B. James (S) 1; C. Ireland (H) 2; J. McKenzie (S) 3.

50yds. Senior Championship, Overarm.—V. Simmonds (B) 1; D. Laffoley (B) 2; J. White (H) 3.

Junior House Relay.—Hindley 1; Wellesley 2.

Senior House Relay.—Binns 1; Seddon 2; Hindley 3.

Dressing Race.—A. McLeod (B) 1; M. Drake (S) 2; M. Wells (W) 3.

33 1-3yds. Open Race.—B. James (S) 1; L. Pye (H) 2; J. White (H) 3.

Cork Race.—D. Sullivan (S) 1; E. Archer (W) 2; B. Ryan (H) and J. Silva (B) equal 3.

Learner's Race.—B. Chamberlain (H) 1; G. Kelway (W) 2; J. Rich (W) 3.

Junior Form Relay.—Dom. 1C 1; Com. 1D 2; Arts 1 3.

Senior Form Relay.—Com. 3A 1; Com. 2B 2; Acc. 2 3.

100yds. Open Race.—B. James (S) 1; D. Kuypers (B) 2; J. Eckinton (B) 3.

Age Race, under 13.—B. Hamish (H) 1; A. Davies (W) 2.

Age Race, under 14.—B. James (S) 1; C. Ireland (H) 2; D. Spearman (H) and H. Rusden (W) equal 3.

Age Race, under 15.—M. Farghar (B) 1; J. Eckinton (B) 2; V. Orr (H) 3.

### BOYS' SWIMMING SPORTS.

"Wellesley 83 points, first; Binns 69 points, second; Hindley 60 points, third; Seddon 11 points, fourth." Thus rang out the voice of the announcer at the close of the boys' annual swimming sports held at the Tepid Baths on March 4, 1938. The preliminaries were held in the morning in the absence of spectators, and in the afternoon the boys were given the opportunity of cheering their house on to victory. Judging by the result Seddon needed the help of one or two "cheer-leaders."

The outstanding swimmer of the day was Ray Cranch (Binns) who won the senior championship. An excellent effort was made however, by Schiackha (Wellesley) who managed to turn the tables on Cranch in the 50 yards senior free-style and also the 50 yards backstroke. In the junior section a close struggle saw Lomas (Hindley) and Ewen (Wellesley) bracketed first, with Hamish (Hindley) only one point behind. Lomas distinguished himself by



A GLIMPSE AT THE GIRLS' ATHLETIC SPORTS

—By courtesy of the "Auckland Star."

breaking the 50 yards breast-stroke junior record. He reduced the previous record established by Jones in 1935 to 41 2-5secs. The championship points gained were:—

**Senior Championship.**  
Cranch (B) 22 points, 1; Schischka (W) 13 points, 2; Menzies (B) 10 points, 3.  
**Junior Championship.**  
Lomas (H) and Ewen (W) equal 8 points, 1; Harnish (H) 7 points, 3.

**Senior Championship Events.**  
50yds. Free-style.—Schischka (W) 1; Cranch (B) 2; Howe (H) 3. Time: 23secs.  
100yds. Free-style.—Cranch (B) 1; Schischka (W) 2; Howe (H) 3. Time: 65 4-5secs.  
220yds. Free-style.—Cranch (B) 1; Howe (H) 2; Litchfield (W) 3. Time: 2min. 57secs.  
50yds. Breast-stroke.—Menzies (B) 1; Stead (W) 2; Gordon (W) 3. Time: 33 3-5secs.  
50yds. Backstroke.—Schischka (W) 1; Cranch (B) 2; Litchfield (W) 3. Time: 40secs.  
Neat Header.—Menzies (B) 1; Cranch (B) 2; Buchan (S) 3.  
Plunge Dive.—Litchfield (W) 1; Cranch (B) 2; Wasey (S) 3. Distance: 45ft. 5 1/2in.

**Junior Championship Events.**  
50yds. Free-style.—Harnish (H) 1; Sandford (S) and Ewen (W) equal 2. Time: 31 2-5secs.  
220yds. Free-style.—Ewen (W) 1; Betterton (H) 2; Lomas (H) 3. Time: 3min. 54 4-5secs.  
50yds. Breast-stroke.—Lomas (H) 1; Betterton (H) 2; Johnson (W) 3. Time: 41 2-5secs.  
Neat Header.—Johnson (W) 1; Lomas (W) and Harnish (W) equal 2.  
Plunge Dive.—Burnett (B) 1; Kay (B) 2; Ewen (W) 3. Distance: 40ft. 4in.

**Handicap Events.**  
50yds. under 13.—Aydon (H) 1; Todd (H) 2; Keating (W) 3. Time: 37 4-5secs.  
50yds. under 14.—Davison (H) 1; Stevenson (B) 2; Niel (W) 3. Time: 33 1-5secs.  
50yds. under 15.—Moyes (W) 1; Simmonds (S) 2; Horton (W) 3. Time: 29 2-5secs.  
50yds. under 16.—Arblaster (W) 1; Hart (B) 2; McNaught (B) 3. Time: 28 3-5secs.  
50yds. over 16.—Hurley (B) 1; Haydon (W) 2; Gordon (W) 3. Time: 33 3-5secs.  
400yds. under 19.—Horton (W) 1; Norden (H) 2; Litchfield (W) 3. Time: 6min. 42secs.  
Neat Header, Open.—Glassey (W) 1; Gray (B), Tapp (B) and Laing (H) equal 2.

**House Events.**  
Senior Relay.—Binns 1; Wellesley 2; Hindley 3. Time: 1min. 19secs.  
Junior Relay.—Hindley 1; Wellesley 2; Seddon 3. Time: 1min. 20 3-5secs.  
House Points.—Wellesley 83; Binns 69; Hindley 60; Seddon 11.

## CROSS COUNTRY RUN

October 22, 1937, saw some outstanding times put in the annual steeplechase, particularly in the Junior and the intermediate section. The race was conducted over the usual course of approximately three miles and a quarter leading through the Domain bush up Grafton Road and the steep hill near the Auckland Hospital.

**Junior Section.**  
Two boys in this event broke the record of 21min. 35secs. set up by D. Davies in 1935. They were D. Lambert (Hindley), a secondary school track champion, and R. Connolly (Binns). Detailed results were:—

D. Lambert (H), 21min. 5secs. (record) ..... 1  
R. Connolly (B), 21min. 15secs. .... 2  
J. Callinan (W), 21min. 45secs. .... 3

## Intermediate Section.

Here no less than three boys broke the previous record of 21min. 7secs. to the credit of I. Jensen in 1932. In this race B. Ballard (Wellesley) won comfortably from E. Robertson (Binns) and K. Prior (Seddon). The event resulted:—  
B. Ballard (W), 20min. 26secs. (record) ..... 1  
E. Robertson (B), 23 min. 40secs. .... 2  
K. Prior (S), 21min. .... 3

## Senior Section.

Although the times recorded by the seniors were not as brilliant as in the other two sections, J. O'Hara (Binns) ran well to win by a good margin from Melhose (Hindley) and the scratch man, Savage (Wellesley). The race resulted as follows:—  
J. O'Hara (B), 20min. 45secs. .... 1  
Melhose (H) and Savage (W), 21min. 18secs. ... 2  
Present record-holder: D. Mitchell, 19min. 54secs. in 1933.

## House Points.

Seddon 188 1/2; Wellesley 175 1/2; Binns 162 1/2; Hindley 160 1/2.

## BOXING CHAMPIONSHIPS

A high standard of boxing, says the "Auckland Star," was revealed in the finals of the championships of the Seddon Memorial Technical College held in the Assembly Hall of the College before a large attendance.

The value of the sport as a means of building sound manhood was commented upon by Miss B. Carnahan, chairman of the board of managers, who, with Mr. N. McLean, president of the Auckland Boxing Association, eulogised the work of the college physical instructor, Mr. H. P. Leveas, in organising the tournament.

During the evening Mr. Leveas announced that Mr. F. W. Burke would donate a cup for the most scientific boxer in future tournaments in memory of his son, W. G. Burke. The cup, which will carry a miniature with it, will be known as the "The William Burke Memorial Cup."

An outstanding performance was that of S. Howe in winning both the welter and light-weight contests. His winning of the medal for the most scientific boxer in the tournament, and also a special trophy presented by Mr. Brien, during the preliminary rounds, was well merited. The medal for the best loser was won by R. King, who was defeated narrowly in the fly-weight contest. The spirit of friendly rivalry in all the contests was a feature of the tourney and was favourably commented on by several speakers.

Following were the results:—  
Middle-weight.—McGregor, 6st 7lb, defeated O'Meara, 6st 7lb, on points.  
Mosquito-weight.—Howe, 5st 10lb, defeated Preston 5st 10lb, on points.  
Fly-weight.—McGregor, 5st 4lb, defeated Stafford 4st 8lb, on points.  
Fly-weight.—Lawrie, 7st 2lb, defeated King, 7st 2lb, on points.  
Paper-weight.—Aikin, 6st 12lb, defeated Bennett, 7st 4lb, on points.  
Bantam-weight.—Allan, 8st 4lb, defeated McMahon, 8st 4lb, on points.  
Light-weight.—S. Howe, 8st 12lb, defeated Ellison, 9st 10lb, on points.  
Welter-weight.—S. Howe, 8st 12lb, defeated Brady, 8st 10lb, on points.  
Middle-weight.—Sproul, 9st 11lb, defeated Holland, 9st 12lb, on points.  
Heavy-weight.—Wasey, 11st 2lb, defeated Gillanders, 10st 6lb, on points.

# TECHNICAL SECTION

## MECHANICS - ELECTRICITY ENGINEERING - BUILDING

### HOW TO BUILD A SMALL GENERAL PURPOSE DINGHY

This article is intended to give those desirous of building a dinghy an insight into approved boat-builders' methods of procedure. No attempt has been made to simplify the construction for amateurs, nor should any "short-cut" or "just-as-good" methods be used.

Although these notes will apply to any type of dinghy, the design shown is that of a general purpose dinghy, that is, one that will be suitable for rowing, sailing or for a small outboard motor.

The design has been arranged primarily to provide a boat that will perform well under sail, and the rig is so arranged that everything stows inside the boat in a minute or so, leaving everything clear for rowing, fishing, shooting, etc.

The designed load is from one to six adults.

In boat building rigidity is the first aim, and therefore a building trestle is constructed as shown in diagram 1. This may be a rough piece of 2in. by 1 1/2in. on legs, and on this a "camber board" is nailed. This camber board is shaped from measurements on the design and is also marked as shown in diagram 1.

The keel, stem and stern transom are then marked out from the drawings, or are scribed out, using three-way "templates." (These are available at the school). The parts of the stem are riveted together, using 3/16in. copper nails, and the whole arrangement set up as shown in diagram 2.

The posts for the centre-case are then mortised in as shown, and a fore and aft girder cut out, which also forms the lower part of the centre-case. (Diagram 3).

This girder serves the dual purpose of reinforcing the boat and of forming a strong case. It is fastened by screwing through from below with 2in. No. 10 countersunk brass screws. These are spaced at 15in. centres on the girder and 3in. centres at the case. A few threads of caulking cotton can be introduced between the posts, keel and girder, and the surfaces should be painted before fastening. The assembly is then screwed to the building board by three or four temporary screws, about 2 1/2in. long.

Next, the building moulds are cut from rough 2in. timber, using full size templates taken from the design. (These are also available.)

Each mould is nicked at the bottom to fit over the girder, and assembled as shown. They are spaced 1ft. 4in. apart, and must be levelled and faired up carefully, being solidly stayed to the roof to prevent movement when planing.

The rabbet in the stem is then roughly chipped out on the dotted line shown.

Planing is the next job. There are 11 planks each side lapped on the "clinker" principle, and the design has been worked out so that all planks are of approximate equal width, which results in a first class appearance. Planks are cut from 12in. by

5-16in. medium kauri of good grade, the off-cut (or waste timber) being used for floor-boards and finishing pieces.

For the amineer, the shaping of planks may be difficult, and templates of each plank are therefore available for the builder. Planks should be hand-dressed, scraped and lightly sanded before fitting.

The first plank is the one next the keel on each side—known as the "garboard" and this may have to be fitted by planing the inside edge slightly. At the stem it will be twisted until it fits snugly into the rabbet, which should now be eased with a chisel until it is exactly right. One kettle of boiling water, slowly poured over each side of the plank for the first three feet will be ample to ensure easy twisting.

The second plank laps on the garboard, which will need to be slightly bevelled, for a distance of 5-in. to allow for the rounding of the bottom.

This plank must finish flush with the stem and stern, so that fore and aft a small rabbet, about 2in. long and 5-8in. wide, dying away to nothing, must be cut on the previous plank. See diagram 4. The planks are riveted together by means of 1in. copper nails and 5-16in. roves, spaced 6in. apart half-way between the rib spacing.

This means that when the ribs are placed and riveted, the fastenings will be 2in. apart. 1 1/2in. nails will be required between the garboard and the keel.

It will be found convenient to bevel the edge of the plank, round the hands and cut the rabbet before fitting the plank in position. "Plank pegs" as shown in diagram five are very handy for holding the planks while fitting.

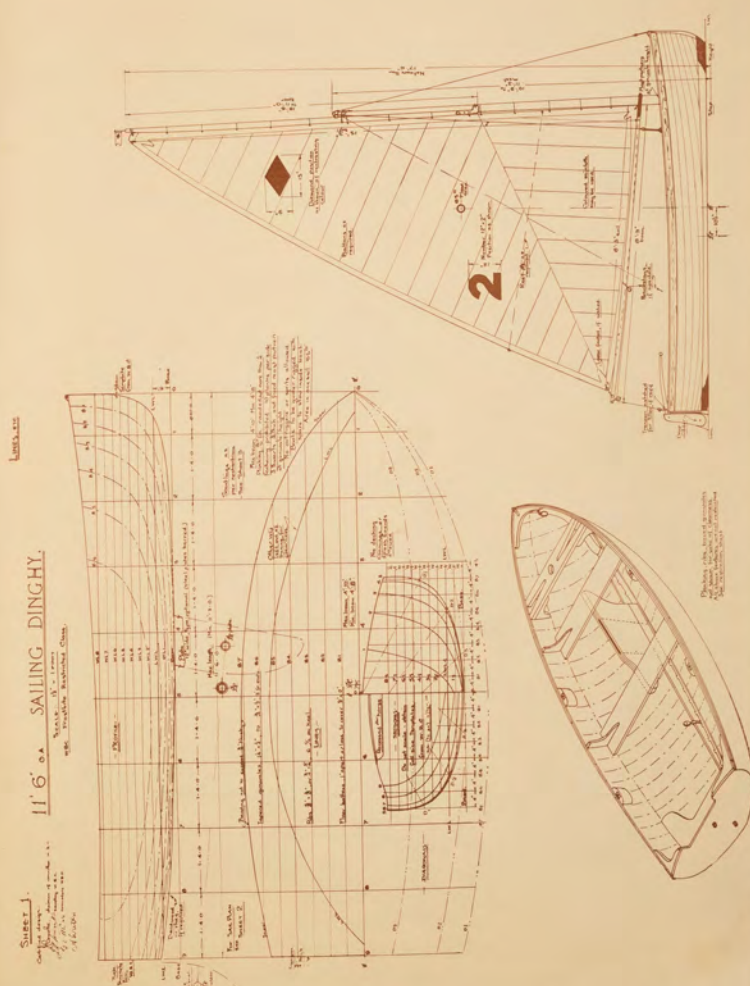
The procedure is the same for each plank (working in pairs on each side). A kettle of water will ensure easy bending at the stem, and each plank should be riveted before proceeding to the next. The planks should just touch every mould, and should be compelled to do so by "shores," or props wedged up from the floor.

Marks are provided on the mould templates to indicate where each plank should touch.

The top or shore plank is usually doubled. That is, a second plank is fitted inside the first to strengthen the gunwales.

The next job is the ribbing. Ribs of 5-8in. by 3-8in. Southland beech, mangaroo or tuckaha, are bought dressed to size and about 7ft. to 7ft. 6in. long. 24 are required. These are steamed (or boiled) in a piece of galvanised downspout, clamped at one end, for about three-quarters of an hour in lots of 10 to 15, and are then pushed through the slots left in the girder, clamped at each gunwale and 1 1/4-in. copper nails driven through from the outside in at left until all the ribs are in.

About six of the ribs cannot be placed until the moulds are taken out, which should not be done until all the rest are riveted on every plank and at the keel. Temporary stays should be nailed across the gunwales to prevent spreading before the moulds are removed.





The finishing is then to a large degree a matter of personal taste. In the drawing three thwarts are shown and mast partners for the single sail rig. All parts of the boat indicated should be finished with natural knees of pohutukawa or manuka. The gunwales are finished as shown in diagram 6 and a capping of mahogany or other contrasting wood can be fitted. Space does not permit of a description of the finishing details or of the rig, but drawings are shown which give a fair idea of these details.

For those who are keen on racing, a special class has been formed for these dinghies and summer and winter racing is being arranged. To take part in this racing the boat must be built exactly to plan and a copy of the restrictions should be obtained if this is contemplated.

Inter-school competition on the lines of the American colleges should follow and is at present being aimed at.

Further information can be obtained from the writer if required at any time and blueprints are also available of the design and details to a larger scale than is possible here.

#### MATERIALS LIST.

Template—full size, in three-ply, are available for:—

- 1—All moulds.
- 2—Camber board.
- 3—Keel.
- 4—Stem pieces and stem assembly.
- 5—Girders, fore and aft.
- 6—King and queen posts.
- 7—Transom.
- 8—All planks.
- 9—Mast step.

Patterns are available for all castings for fittings and rigging gear.

#### ORDER LIST OF MAIN MATERIALS—11ft. 6in. "FROSTBITE" DINGHY.

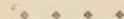
- Timber:—
- 12in. x 5-16in. Medium, D.S.S. 12/12ft. (planking.)
  - 13in. x 4in. F. D.S.S. 1/4ft. (transom.)
  - 9in. x 3in. F. D.S.S. 1/9ft. (seats.)
  - 9in. x 3in. F. D.S.S. 1/9ft. (girders.)
  - 6in. x 5-8in. F. D.S.S. 1/12ft. (risers and gunwales.)
  - 12in. x 5-8in. Medium, D.S.S. 1/12ft. (trudder, centre-board etc.)
  - 4 1/2in. x 1 1/8in. F. D.S.S. 1/11ft. (keel.)
  - 4in. x 3in. F. 1/4ft. (steer.)
  - 24 Southland beech ribs, 3in. x 5-16in., or 5-8in. x 3-8in. D.S.S. 7ft. 6in. long.

- Spars:—
- 2in. x 3in. clean oregon 1/11ft. (mast.)
  - 2 1/2in. x 3in. clean oregon 1/11ft. (gunter.)
  - 1 1/2in. x 1 1/2in. clean oregon 1/9ft. (boom.)

- Hardware:—
- 1in. copper nails and 5-16 roves. 2lb. 14 or 15 gauge
  - 1 1/4in. copper nails and 5-16in. roves. 1lb. 14 gauge
  - 1 1/2in. copper nails and 3-8in. roves. 1lb. 13 gauge
  - 1 1/2in. copper nails and 3-8in. roves. 1lb.
  - 2in. and 3 1/2in. or 4in. copper nails and 9-16in. or 5-8in. roves. 1lb.

- 2in. No. 9 brass screws, 2 dozen. (countersunk head.)
- Pohutukawa knees—sided 3in. or 7-8in.—8 required.
- Rigging details, sails, paint, varnish, etc. as desired.

—J.B.



#### THE LARGEST TREE IN THE WORLD.

"The Vantech," magazine of the Vancouver Technical School records the fact that thirty years ago in North Vancouver the largest tree ever known in the world was felled—a victim of commercial greed. This magnificent giant stood 418 feet in height and had a diameter of 25 feet.

## THE AURORA

From several points of view the auroras—the Aurora Borealis in the Northern Hemisphere and the Aurora Australis in our own "half" of the world—have proved of great interest. In times past, and still in some parts of Scotland, the Aurora Borealis—or Northern Lights—have been regarded as an ill omen; no doubt they have had their religious significance to other peoples; nowadays, they attract some observers by their brilliant displays and their mysterious appearances and disappearances; again, they have proved most annoying to users of radio, telegraphic systems, etc.

Astronomers locate the cause in the sun. On the molten surface of the sun, beneath its shroud of incandescent gases, the telescope has detected moving specks called sunspots. These sunspots, which vary from a few miles in diameter to a size several times that of the earth, are really explosions in the surface of the sun, through which minute electrical charges, called electrons, stream out into space. If the earth happens to be in the vicinity of an electron stream, the electrons are attracted towards the magnetic poles of the earth, where the earth's magnetic field is strongest. A simple experiment to illustrate this is to have a long light wire hanging loosely near a strongly magnetised bar of iron. If an electric current, which itself is a flow of electrons through a conductor, is passed through the wire, the wire will wrap itself round the bar magnet. In the same way, the electrons tend to wrap themselves round the lines of force of the earth's magnetic field which is concentrated at the poles. This explains why the auroras are only seen nearest the poles and also why the display is often in the form of "drapings swaying to and fro," as well as the electrical and magnetic disturbances caused. —C.L.M.

## A NEW DEPARTURE IN ELECTRIC MEASURING INSTRUMENTS

The valve voltmeter, which is a step towards the ideal instrument in that it is independent of frequency and takes practically zero power, has in the past necessitated the use of fragile and expensive microammeters and also has been for the most part battery driven.

These two factors have mitigated greatly from the extensive use of this valuable meter—the unreliability of the best of batteries over long periods and their expensive replacement has, together with the cost of the indicating instrument, been too heavy a financial burden for most experimenters. A new departure by the American valve engineers has produced a meter of wide range—1 to 200 volts, A.C. and D.C., and no indicating instrument of the costly microammeter type; buy a "magic eye." In other words a small cheap cathode ray tube known as the 6E5.

In the instrument a triode, the 6F5 operates as a linear automatic biased rectifier of the anode bend type. This valve may be mounted in the instrument proper or may be, and preferably is, mounted at the end of a cable up to two feet in length, and the essential lead maybe of an inch or so being connected straight to the grid of the small metal 6E5. The valve 6F5 appears to be uniform in its manufacture so no trouble need be anticipated at this point. The power supply is a conventional full wave rectifier with a simple resistance capacity filter to supply 200-350 volts at 10 to 15 milliamperes. A low impedance path is provided by two 5MF by-pass condensers, one between cathode and earth of the 6F5 and the



Thorough research and extended experience demonstrate that the field of the wireless telephone is in maintaining communication between ship and shore, from ship to ship, for aircraft, or as an extension of the wire system, bridging strips of desert or bodies of water. Radio as we have it to-day is closely related to the development of the telephone. The problem of transmitting music required a special circuit because of the difference of tone range, but that need not be touched on here.

The teletypewriter is a means of transmitting written conversation just as the telephone is a means of transmitting vocal conversation. The rapidity of the service makes it especially useful in connection with stock exchange report traffic; brokers use the service for the speedy transmission of short statements, requests for prices, and other market "information" between their offices. It has proved invaluable in the administration of large business enterprises and offices at widely separated points, while weather reports can be transmitted quickly and concisely to all parts of the country by this means. This is of especial importance along airways, where the promotion of safe flying is of such moment that the departing pilots must be furnished with up-to-the-minute information as to the weather conditions to be encountered. In many instances the information thus transmitted to the airport is relayed to the aviators in flight by radio telephone. The teletypewriter is also rendering invaluable service to the police as a means of sending out alarms for escaping criminals, descriptions of missing persons, of stolen property and the like.

The next step is television and although space will not allow of elaboration on the subject, it must be mentioned that television is fairly past the experimental stage.

Finally, it is interesting to meditate on the latest developments of this marvel of communication and the use man is making of it. Naturally after this will follow the thought that, since there are some 35,000,000 telephones in the world, and as before mentioned, 93 per cent of them can be connected together, men should be beginning to know one another's problems a little, and appreciate each other's point of view. Truly the telephone is one of man's greatest benefactions.

—Eric L. M. James.

## WHAT IS ELECTRICITY?

Not many years ago the nature of electricity was considered something beyond understanding, but in recent years, much of the mystery has been removed. We know now that what we call electricity is the evidence of activity of electrons.

"Electrons in motion constitute an electric current."

But what is the electron, and what is the source of those that constitute an electric current? The accepted theory is that the electron does not exist in an isolated state, but normally has a sort of family life, in combination with other electrons in the atom. Atoms make up molecules, which, in turn, make up the substance of the materials which are familiar to us such as copper, iron, aluminium, etc. Atoms differ in the number and arrangement of the electrons which constitute them.

The atom has a nucleus which is positively charged, this being made up of negative particles (or electrons) combined with a greater number of positive particles, called protons. Revolving round this nucleus, as in a planetary system, are electrons in sufficient numbers to balance or neutralise the positive charge on the nucleus, this number and

arrangement of electrons and protons being different for each of the elements in nature. It is when something occurs to upset this electrical balance in the atom, and cause some of the loose electrons to leave home, that we detect what we call the flow of an electric current.

It is thought that there may be a certain amount of inter-change of electrons between the atoms of a solid body, such as a piece of copper wire, but that ordinarily the total number remains constant. If however, the ends of the wire be connected to the terminals of a battery, then electrons are relayed from atom to atom, all moving toward the positive end of the wire, their places being taken by electrons from the battery entering the wire at the negative end. Thus, a current of electricity is simply the passage of electrons along the conducting medium. The rate of current flow depends on the characteristics of the conductor, and also on the difference of electrical pressure between its ends.

The electrons are so small that we cannot use their number as a measure of the rate of current flow, so we use the ampere as the unit.

A current of one ampere represents ten million, million, million electrons flowing through every part of the circuit every second.

## CONTROL OF DRY ROT, MOTTLE HEART AND CLUB ROOT

As a result of intensive research, the following methods have been evolved for the control of these diseases of the turnip and cabbage family.

For **Dry Rot** the seed should be pre-soaked in 25 per cent Semesan for one hour at 50-60 degrees F., and then dipped for five minutes in 25 per cent Semesan at 115 degrees F. As this temperature is very near the death point for seeds, the treatment of seed should be left to seed merchants who specialise in the method.

The use of this seed should be accompanied by long rotation and avoidance of grazing of the crop.

For **Club Root** no absolutely satisfactory method has been evolved. The control depends rather on a combination of methods. A long rotation should be practised and basic super-phosphate, basic slag, or super and lime mixture used in preference to super-phosphate. Lime should be used as far ahead of the crop as possible. The quantity is determined by the time of application before sowing, which will be 12 months if possible. Two to three tons of burnt lime (or 3.5 tons of carbonate) should be used three months before sowing of 1.2 tons of burnt lime (2.3 tons carbonate) when the lime is applied 12 months ahead.

Resistant crucifers such as Chou Moellier can be used or special resistant strains such as Herrings, Studsgaard, Bangholm, Wilhemberg and Bruce. Immune crops such as mangolds, carrots, etc., may be made use of. Drainage, which improves the physical properties of the soil and warms it, also helps in the control.

**Mottle Heart** in swedes can be controlled by the use of small dressings of boron, using sibs. (not more) of finely ground borax well mixed with 3 cwt. of fertiliser per acre, drilled with the seed. The use of lime before sowing should be avoided. In the mottle heart the root on being cut across shows peculiar translucent patches of flesh and the root later collapses. Where wood ashes are available the use of these controls the trouble since wood ash contains traces of boron.



honours board but those unsuccessful do not look downhearted. When the report of typing is reached all have smiles on their faces. But dark clouds loom ahead, and navigating around R. 31, the crew disembark for their drawing period; but seas are calm again when we sail into the haven of R. 28, our home-port. For the last few weeks our crew has been depleted; four of our worthies have deserted us now and then, to follow the call of the stage; during which time we have been called upon to dispose of passports for our concert. To this end, we were granted special shore-leave by the Admiral himself, and achieved such a great success, that special celebrations are to be held in honour of our deeds.

On Tuesday, at eight bells, we set off on a lengthy voyage to Windmill Point, where we indulge in the landlubbers' game of basketball. Indeed three of our members are such keen exponents of this excellent sport that they even spend part of their week-end leave, meeting worthy opponents on the field.

Many of our worthies have grown hale and hearty, on the plentiful supply of milk allotted to us, and are very grateful for this. On Friday we all begin two weeks shore-leave, but we shall sadly miss the appetizing aroma from the cafeteria, the cheery faces of our teachers, the click of typewriters, the companionship of our shipmates and the general happy atmosphere of the boat; and on our return we intend to knuckle down to steady work to prove the "Com. I.A." has the most efficient and hard-working crew ever to navigate the waters of the Seddon Memorial Technical College.

Our first is in cod, but not in sprat,  
Our second is in croquet, but not in tat,  
Our third is in medal, but not in shield,  
Our fourth is in game, but not in field,  
Our fifth is in lead and also in led,  
Our sixth is in reed and also in red,  
Our seventh is in duck, but not in goose,  
Our eighth is in tight, but not in loose,  
Our ninth is in meat and also in bait,  
Our tenth is in early and also in late,  
And with the addition of A plus 1,  
There spells a class just full of fun.

—Commercial I.A.

#### COMMERCIAL 1.B.

"Calling all pupils! Calling all pupils! This is the voice of Com. 1.B., coming to you through the courtesy of the Seddonian. Professor Dryasdust will begin this session with a talk on the subject of a class he visited in a school on one of his travels.

The Professor: "Com. 1.B. is the class of which I speak. They are a very talented class of girls with the best reputation in the school (ha! hum!). Well, I suppose they do get out of control once in a while; when the teacher's away the mice will play, you know. B. Hall is a bonneting favourite. She is away at present, having bounced too hard. They have no less than four June's this year, but poor July is left alone. Birds also are very popular this year, especially eagles, and the old proverb is still true—"birds of a feather flock together."

Here are a few things to note:—

- 1—Always drop ink and put dirty suitcases on the dress-making tables in room 48.
- 2—Always bring Miss D—the following excuses if you wish to be excused from homework. "Please Miss D—, I forgot," or "I didn't know we had any homework."
- 3—Miss C—likes little work done with many mistakes. Well, I must end my session now. "Good day, my friends, good day."

#### COMMERCIAL 1C.

Along a dark and dreary corridor creeps a teacher with eyes gleaming and ears cocked, heading for a room near the end of the corridor, from which is issuing a terrible noise. As the vengeful creeper wrenches open the door, the noise abruptly ceases and silence prevails within. C. 1. C. again! "Whew that was unlucky. Half an hour after school to-night."

Well, after that bright introduction to Commercial 1. C. we are sure you would like to hear more about the merry maidens who have their headquarters in room 32. One day during the Shorthand lesson one fair lassie was leaning back languidly precariously on two legs of her chair placidly chewing her pencil, a dreamy far-a-way look in her eyes. Suddenly the peace and quiet was disturbed by an appalling crash and everybody jumped up to see the same girl sitting on the floor, looking so bewildered, around her lying two desks and two chairs. Another time a sweet young thing tried to sit down just as somebody pulled her chair from underneath her. You can imagine her feelings. In room 27 where we spend much of our time a large piece has been knocked out of the wall. One of the masters wanted to know what sort of games we played there if that was what happened. We assured him that it must have been some other class.

Lately our numbers have been sadly depleted owing to the ravages of measles. Why, even one of our teachers succumbed to this childish complaint.

Clang! Clang! The loud summons of the bell awakens us from our memories and reveries, and jolts us back to the present and we gather our books together and proceed to the next room.

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#### ARTS 2.

"Thank goodness holidays are here!"  
"Yes, but we've had a rood term just the same."  
"Rather. Remember the time when Joyce fell off her chair and split all the ink?"  
"Talking of chairs, d'you remember when we gave poor Doreen a chair with no seat and she fell through the hole?"  
"Mr. Adams made the same mistake when he sat on a half-broken one."  
"Some of those days in school were cold."  
"Yes, and after drinking our milk some of us had to be thawed out by the heaters."  
"The mention of drink reminds me of the time when the evening students who use our form room, pinned up a poster advertising 'free beer.'"



r found that she was in the  
he took her departure and  
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of another teacher's coming  
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d as we were.

#### TS 1.

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we all strive to have our  
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CONSOLIDATED MILITARY TRAINING AT THE DOMAIN



MASSED BOXING INSTRUCTION IN THE PLAYGROUND

By courtesy of the "Auckland Star."

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"They are always up to something. They even  
painted our plaster frog and, to add insult to injury,  
used our paints to do it."

"Oh, about posters. It was a wonder that some  
of us managed to finish ours in time for 'Toianthe!'"

"We're pretty slow at dressmaking, too. Most of  
us have just completed our first term's work—and  
this is the end of the second term."

"I say, poor Connie is always getting into hot  
water when the register isn't marked. Her job as  
sergeant is not lightened by our noisy class."

"All the same, we still have our 'defect' to look after  
us."

"It's surprising how small our class is now. Why,  
there were thirty girls at the beginning of the year  
and now there are only about twenty-three—to say  
nothing of the girls who stay away part of the  
time. At the most we have about twenty each day."

"Have you ever considered that we might have  
sitting beside us a future Van Dyke, Rembrandt or  
Rafael?"

"No, but we might manage an odd Minibinnick or  
a J. C. Hill!"

"Anyway with or without, we've had good times  
together, haven't we?"

#### COMMERCIAL I.D.

We are (or so we're often told) a very noisy class.  
The teachers in the corridor look at us as they pass;  
To see if at our grammalogues we're really working  
well;

If we're at work when they look in we think we're  
really "awful."  
And when we aren't, O woe betide! We're not kept  
in suspense,

For teacher then decrees long-tots of hard pounds,  
shillings and pence,

"One sergeant now is not enough, so I'll appoint two  
more.

And all the girls who waste their time can come  
out on the floor."

These are words she says to us, while we all fume  
and fret.

And then she adds, while in her rage "I'm not done  
with you yet.

For here's a lot that you must do before you dare  
to move.

And when the sum you've multiplied, your answer  
you must prove."

Every teacher and pupil at Seddon Memorial Tech-  
nical College can guess which form has broken loose  
when loud bangs and crashes come echoing along the  
corridors, and when forty-four pairs of shoes come  
racing out of Room 39.

Three of our recent victims of measles have re-  
turned after two or three weeks absence and now  
our form is again in an uproar, for during that time  
one of our noisiest class-mates had been stricken.

One day during a shorthand period our form-  
teacher asked the meaning of the word "zephyr."  
Everyone looked vague, until one of our illustrious  
number put up her hand. According to her it was  
an animal at the Zoo. For a joke our teacher asked  
the number of legs this strange creature possessed.  
Undaunted, our friend replied "four." Everyone  
began to laugh and she looked around bewildered.  
Of course, everyone knows that a zephyr is a gentle  
breeze and not some weird looking animal in the  
Auckland Zoo.

Another morning the whole form was preparing for  
a shorthand test and waiting for our form-teacher  
when suddenly in came another who bade us get out  
the last night's homework. We were complaining  
that we had not done it and were being lectured

severely when the teacher found that she was in the  
wrong room. Quickly she took her departure and  
left C.I.D. laughing uproariously. That recalls to my  
mind another occasion of another teacher's coming  
into the room and proceeding to give us arithmetic  
(of all subjects the worst) but she soon knew that  
she was in the wrong room and we have reason to  
believe she was as pleased as we were.

#### ARTS 1.

The good ship ARTS 1 has just defeated its great  
enemy the Exam Nations! Our crew of forty-four all  
wish to land at Port Success, on December 9 with  
a good report of our journey.

One of our crew has been brought into the limel-  
light, being the Junior athletic champion. She also  
went to Hamilton, as a school representative for the  
basketball team, being the only first year girl to do  
so. We also are proud to have a runner-up for the  
Junior swimming championship and the winner of  
the neat dive competition in our crew.

In the main cabin of our ship we have a shorthand  
honours board on which we all strive to have our  
names written. However, as this crew of forty-four  
girls must go and study our route to Port Success  
we will say cheero!

#### DOMESTIC 3

Now that the examinations are over, Domestic 3  
devote their leisure time to the arduous task of tam-  
pling form notes.

The two captains of the school basketball teams  
are numbered among us, so that one can see that,  
whilst progressing in our studies we have not been  
neglectful of sport. Having as well as the senior  
perfect five more prefects, the winner of a Hindley  
Scholarship, two concert girls, one member of the  
orchestra, three house captains and three committee  
girls in our midst, we consider we are a form of  
great renown. We count it a privilege to be able  
to announce that we own the "sunshine lady."

Many of us still think how seriously misled was  
the teacher who called us a boisterous but too  
friendly form. We are doing our best, among other  
things, to perfect the art of speech. One teacher  
informs us that the ancient Greeks and Romans who  
prized education, held the art of speaking in high  
regard.

Really we feel quite rebellious but try not to  
appear envious, when a number of first years come  
eagerly to continue their Applied Art, while we are  
kept busily studying geometrical problems.

Eating the correct foods seems to be the chief  
concern of one of our mistresses. So enthusiastic is  
she that she has been imparting some of her know-  
ledge to us. Could she but see what some of us  
do eat, we are sure she would need a corrective diet  
to settle nerves or cure a heart attack.

Everyone knows that Domestic 3 are prized by  
their teachers, both for their interesting information,  
and the promptness with which each pupil arrives  
in class. We think one teacher received a severe  
shock on being informed that Nelson was made  
famous by Trafalgar Square. The only fault another  
can find with us is that, during certain lessons, the  
form becomes very reticent. This teacher says that  
it is extremely strange how eager we are to talk  
at any other time. She says that our blank, uncom-  
prehending looks convey no impression of interest  
or enthusiasm. Sometimes she wonders if we are  
entirely lacking in them.

Are we, perhaps?

## DOMESTIC 2.A.

The silence and stillness of the night was broken by the loud ding-dong of the town clock as it struck the twelfth hour. As the last echo died away, all the city again sank into silence. All the city I should say except one little room. This was Room 13, the form room of Domestic 2.A. There the silence was broken as a great clatter announced the coming to life of chairs, tables, pens, pencils, etc.

"Ho! Ho!" yawned the table. "What a lot of things I have to tell you to-night, I say—"

"We don't want to hear you," said the blackboard. "You listen to me."

But alas, his voice was soon drowned as pens, pencils, rulers and chairs all clattered to have their say. In the midst of all this tumult a meek voice was heard to say: "Please let me tell you a story to-night. I'm never among you at night usually, but some careless girl left me here. If you let me I can tell you of things you never see."

"All right," said the table, "go ahead."

"Well," began he, "at ten to nine, I am taken from the office to Room 13. I usually arrive before the teacher and am always in time to hear the noisy chatter of the girls, and to witness the sudden silence as the mistress appears. Their names are then read out and for everyone present a scratch is put on my face. Then we all go to their first period class room. On Monday morning this is arithmetic time, and though I try to learn, too, I can't. I can't see how they remember there are four threes in nine and how ten and nine make sixteen. So I'm always pleased when we leave Room 45 and go to dress-making. Here the girls sew shirts and dresses and all manner of garments, which, if I peep behind the screen, I see being tried on."

"But this doesn't last long, and I'm then grabbed by rough hands and rushed outside, only to watch wistfully while the girls devour fruits or cake. Then I go to many other lessons. There is science which nearly suffocates me, I manage to see the buret and xanthoproteic tests but after that I can tell you no more."

"Why!" chorused the listeners.

"Because then they do the ether test and I go to sleep."

"Ha! Ha!" laughed the blackboard.

"Besides science, there's cooking. This is great fun. Some of the girls who were getting the tea-towels down one day let the pulley fall—"

"And down came tea-towels, pulley and all," chorused the audience.

"Exactly," said the register. "And often onions are burnt, and sauce goes lumpy or Jellies refuse to set. The girls bustle around all hot and bothered and I feel sorry for them. But I soon begin to feel sorry for myself because I can't go to sports. But I hear Hindley House is winning."

"Three cheers for Hindley! On Thursday I love to watch them twisting, hopping and bending about until at last they receive a drill mark."

"But now let's hear your opinion of the girls, Mr. Chalk," said Register, "and let it take the form of a song."

"All right," said Mr. Chalk. "And taking a deep breath he began—"

"There are eighteen girls in Domestic 2.A.  
They try very hard, and always obey,  
They love their motto, and break not a rule,  
For they learn here for life, and not only for school.

At science and cooking, they do very well,  
But it's usually art, at which they excel.

For there with a hammering, nerve racking din  
They make lovely bowls out of copper or tin.  
Their history is topping; you should hear them say  
The Charters great clauses, which made John obey,  
At English too, they are very good,  
They never put commas whenever they should.

But generally speaking, they're not a bad class,  
And I hope they'll all get a very good pass."

"Hear! Hear!" laughed the audience, "We all hope that."

"Yes," began the lamp, "I think—"

Ding! Dong! chimed the old time-piece, who has no manners and waits for no one. It was six o'clock and in a twinkling the form room was quite still once more.

## DOMESTIC 2.B.

On the first day of the month of February in the year of our Lord, one thousand, nine hundred and thirty-eight, His Majesty's ship "Domestic 2.B." was launched at Port "Holiday." A great crowd gathered and the usual ceremony was performed by the "Mayores of the town." She then proceeded to the "First Term" wharf. Her crew were enlisted and her captain picked. Next day they went aboard and the good ship started on her voyage.

For a year she cruised around the "S.M.T.C." Islands, calling in at Port "Holiday" every three months. She met with moderately good weather except on one occasion. She was on a second return trip to Port "Holiday" when she encountered a gale and had to run into "Exam-ville," a small, dilapidated port, for shelter. She had visited "Exam-ville" once before while on her first return trip to Port "Holiday."

On the seventeenth day of the month of December of the same year, while on her third return trip, "Domestic 2.B." was wrecked on the "End of the Year" rocks at the headland of Port "Holiday." Most of the crew were drowned in the "Positions" Sea, but a few were rescued and lived to sail on other trips on other boats.

## DOMESTIC 1.A.

Dear Readers—

I will explain the situation. Each year Domestic 1.A. has had to keep up its reputation as did the form the year before, and the year before that, etc. Each year, also, we write form notes for the "Seddonian" which have to be different from the year before, and the year before that, etc. Now I have heard about these broadcasting stations, rhymes and parodies, but they are what one calls, so you will have to be content with the "short and simple annals" of our form.

Some of the girls have been having a holiday in bed with the measles, while the remainder have been sweating for the exams. (Thank goodness they are over now!)

One of our classmates thought she would try the ostrich trick and swallowed a pin. Next morning when she was later than usual, we put our heads together, wondering how much a bunch of flowers would cost, when who should appear among us, but a smiling pin—minus Kate. Oh pardon! the other way round.

I hope that as you scan this page you will give these humble form notes a moment's attention. Till he bids next year, and with cheers for the good old S.M.T.C., I remain,

The Spirit of Dom. 1.A.

## DOMESTIC 1.B.

"The 'Dom. 1.B.'" sailed peacefully out of the harbour on the 8th of February. The crew numbered 31 in all, Captain Wright being in command and Irvine was the first mate. We did not believe in passengers so we carried a good cargo of stationery and scientific apparatus. At our next port of call we took on board several crates of milk as the men were showing symptoms of lessontis. Soon after we left port we completed a good cruise of stationery and annual swimming sports. Athletic sports were held also at our next port of call.

Three months out a great cyclone arose—the First Term Exams—and even Captain Wright was left rather shaken. As all the men were stricken with lessontis we then had a short holiday. We came back in a good state of repair to commence another section of our voyage. One of our companions must have had enough of the sea as she deserted and we lost track of her.

In June we took on board a passenger named Measles who claimed the attention of a number of the crew for some weeks. Our Captain, however, took not the slightest notice of him. Two and a half months passed calmly until we once more witnessed a cyclone similar to the previous one. This like the other, passed away. Besides the two large storms, we witnessed several minor squalls in the form of impositions and detentions which soon lifted however, and once more gave us the bright sunshine of exams past. (Though not always passed!)

## DOMESTIC 1.C.

All aboard! All aboard! our ship is sailing around the year, with slow but sure progress. With Mr. King as captain we sail through latitude 35 degrees for history, while at 38 and 40 degrees we have our English. Next we sail through 41 and 42 degrees with our dressmaking and needlework captains. Through the strong winds we sail, until we come to latitude 44 and 45 degrees where more English and arithmetic is taken. Miss Wright takes command in 47 degrees, and with arduous studying we do not notice that the storm is carrying us to 49 degrees until the bell rings. Cooking under the command of Miss Burley is most interesting, and when we come ashore we are all sorry for the end of our career in D.I.C.

## DOMESTIC 1.D.

I was being shown over the imposing building of the S.M.T.C. Everywhere I had seen good industry and much work. But what was this. A peculiar odour was drifting from one of the rooms. My curiosity aroused, I opened the door and saw to my amazement several furred girls hurrying to and from amid clouds of smoke. "Ah!" said my guide, "this is D.I.C., a class such as you have never before seen."

Interested I peered more closely through the fumes. Suddenly a shriek which frightened me thoroughly rent the air, but it was only one of the girls who had burnt her finger while taking off a small dish of food burnt black. She must have been very excited because just as she was going to put it on the table it fell and burnt a hole. The teacher then appeared from the back of the room and looked very annoyed about the little incident. However, she said nothing. My guide told me it was not unusual for anything like that to happen.

Groping my way through the smoke I nearly fell head over heels over a seat-cum over a careless pupil. The smoke was giving off that dreadful smell of burning feathers which made matters worse. Dim forms were standing burning something on bunsen burners, while others were hurrying backwards and

forwards with milk bottles. Some unfortunate girl slipped on the wet floor and two bottles of milk splashed over me. Although the teacher apologized I still remained very annoyed and stamped out saying: "No wonder this class is called D.I. Dunces. It deserves it."

## ACCOUNTANCY

### ACCOUNTANCY 3.B.

A.S.B. this year consists of twenty-one intelligent students, including three members of the fairer sex. Recently we had two additions, Agnes and Ethel, two of the most fiery types a form could have and they always give you a warm welcome. Like most girls of their age they are very noisy, but we overlook this defect of theirs because they work hard (when they are pressed) and produce fairly hot results. One can see that a certain Mr. C. . . . has no "life insurance policy," because when Agnes and Ethel were first introduced to the form, Mr. C. . . . said, "I don't trust them. I have only one life."

On the sports field we have four representatives. Perry and White, members of the first fifteen and first eleven, Ashley another first fifteen and third eleven representative is a nippy wicket-keeper. Kay is one of the College's foremost tennis players. During the football season when measles were prevalent, the first fifteen's coach was very upset when he heard from a reliable source that his two beloved boys—Snow and Ross—had contracted measles. However, he recovered when it was found that the information was false.

The behaviour of the form is excellent, especially with our dear friend, Mr. Ash, but this is in the lower portion of the College, but in the higher levels, Room 92 is not always visible owing to the great banks of storm clouds which frequently accumulate there. Only one minor incident has blurred our good characters, this occurring when two of our small boys were caught stealing water from the girls' drinking fountains. "Just common thieves."

This year everyone is sitting for Public Service and it is hoped that all will succeed.

### ACCOUNTANCY 2.B.

(With Apologies to Shakespeare.)

Boys, girls, and everyone, lend us your ears;  
We come to show our talents, not to hide them;  
The evil that boys do lives after them;

The good is often ignored by the staff;  
With us let it not be so. The great A.2.A.

Have told you 2.B. were not clever;  
If it were so, it was a frivolous charge,

And strongly have 2.B. refuted it.  
Here, if the Editor allows—

You know him as an honourable man;  
So are we all, all honourable men—

Come we to speak in 2.B.'s enquiry.  
We are all friends, eager and keen for work;

But masters say we are atrocious;  
And yet, you know, are honourable men.

We have caused concert tickets to be sold,  
So that the crippled children we may help;

Does this in 2.B. seem atrocious?  
When the strap hath switched, we have not wept:

For we are made of sterner stuff;  
We speak not to disprove what others say,

But here we are to show what we have done,  
You all shall hear of us, not without cause;

No cause will there be found to mourn for us,  
In spite of master's dismal prophecies.

These are our notes, to which we add our greeting,  
To all of you for nineteen thirty-nine.

## ACCOUNTANCY 1.A.

Cell 15.  
Rocky College,  
S.M.T.C.

Locked away far from the busy world is the class of classes presided over by Warden McKillop. Our cell, an inky, begrimed den is the scene of many innocent crimes. We are all in for a term of hard labour consisting of the construction of mud pies, French stews, alphabetical quizzes, lots of funny, wiggly signs, weird and unearthly rows of figures and strange and curious angles. Our tools are pens, pencils, ink-wells, compasses, rulers and such-like.

Up to the present we have not impressed the prison unless it is through the warders.

Our class is not without its worthies. We have in Smith, an orator of unsurpassed abilities, in Beech, Ellis and D. Menzies club—perhaps it should be lead-swingers of the greatest fame and renown. May and the Rev. Mooney are our songsters-in-chief and when they start wailing even cat choristers slink away. Professor Carmichael is a man of wonders; we wonder that he can get a hat to fit his head. Morgan is our ping-pong and fighting champion and in a bout of the latter he lost a tooth and found a black eye. We can boast of having the oldest inhabitant of the College in our midst; in fact none other than Rip Van Winkle of story book fame. Rip alias Grivo admits he keeps young and free from rheumatism by playing Soccer. Samson is a walking compared with Moss who is all muscle and brawn (?); he needs to be carry the roll and two thousand odd absence notes up to Room 92 and back. The females did number nine, but reduced to seven as the year rolled on. May Scott and Audrey King do not like the two hottest sharks in Room 92, Snow White and Rose Red as their noise drowns their talk and they can't hear themselves think. By the way, beware of Snow White, she's very vicious, she spat at Mr. C., the other day. It is rumoured that our tigress, Betty Langford, is to stand for Parliament. You are warned against this dangerous mammal. Rusty alias Joan Battersby is the class artist and feminine soap-box gas-bag.

And it was approximately nine months ago that forty-four of these innocent persons were assembled with brows unwrinkled, for the afore-mentioned hard labour, a mystic thing filled with the glamour of the unknown.

We parade daily at precisely nine o'clock, shoulder our tools and burdens, and commence work. We struggle with problems, tussle with English questions and algebraical equations, until at 3.30 we drag our weary way home and seek forgetfulness in oblivion.

We are modern heroes!  
(Or perhaps the warders are!)

### Form Gossip.

- 1—Have you met the Siamese twins, Menzies D. and G.
- 2—Did you know Charlie Chaplin II, is an acrobat? (He does trapeze acts on his chair.)
- 3—A.I.A. owns a little garden in which they grow Garlic, Beech and Moss, also there is a little Hut in it.

### Heard at Geometry.

Mr. M.—Which is the biggest angle?  
Smart Boy—Please sir, the smallest one.

### Self-confessed Truths.

Mr. McKillop: You needn't bring your absence notes.

Mr. Carmichael: More accountancy boys should join the concert. It's good exercise for their memories.

Mr. Davidson: You boys may go now, typing comes before detention.

Mr. Ohlson: Yes, I agree League is the better game.

Mr. Alock: It doesn't matter if you don't finish your experiment by next Wednesday.

A Prefect: Don't pick that paper up, sunny, I'll do it.

## ACCOUNTANCY 1.B.

Acc. I.B., here again, still going strong except for a few absentees. Since the beginning of the year we have lost two members, one deciding to try his fortune in the outside world, and one his luck in another course. But on the other hand we have added two more from other parts of N.Z., and so balanced the budget.

In the field of sport we are well represented in Rugby, Soccer and Cricket. Betterton was nominated to tour Australia with the schoolboy soccer team about to quit this land. He also distinguished himself in the swimming sports. Tait recently went to Hamilton with the second fifteen.

In our form many treasured have occurred. The once white walls are now marked like a map of the Pacific Islands. An artistic coral reef has been made by some person (but not from our form) with the contents of an ink-well. But thanks to the services of "our own private (defective) detective" we have succeeded in laying by the heels the culprits, who, in return for their troubles have been assigned the cleaning of a portion of the wall.

A mathematician was Noah.

Who discovered that twice two are foah (four).

Letting x equal why?

(Plus an ark broad and high)

He found there was still room for moah.

New a laugh by "Th—" hardly noted for his promptness in supplying homework—

Said Mr. "O" to him one day, "How did you get those beautiful waves in your hair?"

"Toss the strain of homework that did it, sir," he replied.

At last it is the seventh period and we begin to croon "Home, sweet home," get thrown out into the cold corridor, but then have to come back after school to do the work we missed. Owing to all the brain lag caused by the tremendous amount of thinking we are on the verge of a nervous breakdown and so we conclude our effort.

## AGRICULTURE 2 & 3

This year we have had to suffer the torments and company of the lower intellects of Agr. 1., and both the masters and fellow-students have been driven to despair.

During the year we visited the Waikato Winter Show under the able (?) supervision of Mr. B. . . e. We also visited other shows, namely, the A. and P. Show at Epsom Showgrounds, and the Winter Exhibition, also at the Showgrounds.

According to Mr. A. . . e. the ladder of a cow is divided into four parts; one goes to the Government; one to the land tax; one to rent; seven-eighths of the rest goes in income taxes, etc., leaving the poor farmer with one-eighth.

Although we are not very well represented in the field of sport we certainly held our own against Typo-beating them thirty-seven to nil, in spite of the encouragement and threats of their beloved (!!!) form-master Mr. H. . . .

Our numbers have been diminished during the year by four. This number includes such personalities as Heini, Butterfat, Pussy and old Red Rufus, the chap who delights in receiving bee-stings.

Jack B. . . d in the last, but not the least of the old contemptibles, also making up Agr. 4, is the very able (!!) secretary of the Agriculture Club. Among the personages in Agr. 3, (three in all) are Cabbage, Nick, and the worthy president of the Agriculture Club, Pansy B.

The vivarium in Room 76 consists of four small lizards (all very sick) collected by G. . . n. The aquarium consists of five small goldfish and a large number of water snails (increasing all the time). Altogether the year has been very successful to our way of thinking.

## ENGINEERING

### ENGINEERING 3.A.

It came to pass in this year of grace, nineteen hundred and thirty-eight, that the venerable Mr. T-y-r spake unto a multitude of third, fourth and fifth year engineers, that better had they wear their caps for if not he would show no compassion upon them. But since one errand strayed from the path, the wrath of the gods descended—he was duly punished.

The first era passed leaving with him the senior athletic champion, the runner-up, the joint junior swimming champion and the runner-up for the senior swimming championship. Also from the aforementioned arose the head prefect, one prefect and four acting sub-prefects. On drill days they muster seventeen N.C.O.'s, including two company sergeants-major. On Saturday, thirteen footballers of whom three are in the first fifteen, and three are captains, represent the multitude.

Referring to our school studies all who have not sat for City and Guilds Examinations are sitting for Stud.I.E.E., which is the best examination a day school engineer can sit for. In Room 8 we have the students' choir which delights in crooning and serenading modern song hits while Mr. T-y-r is busy elsewhere. So many are the vice cracks emitted by this brainy section that they cannot remember any to pass on to you.

The powers that be are thanked for the excellent new machinery which they have placed in the workshops for the use of this multitude. Together with the morning ration of milk they find it hard to think of a reason for leaving College. Many of their former form-mates however, are now serving a life term of imprisonment in the workshops of the firm which they will never return.

To the strain of Mr. Hollies "Where's that steel rule" the multitude will dismiss until Open Day when you will recognise every bright intelligent youth as being a member of E.E.A. Do not say good-bye, but just say revoir till bananas have pipes in them.

### ENGINEERING 3.B.

#### A Despatch from the Grand Battle.

Reporting from the battle-torn front—battalion E.E.B. sending report to General Headquarters, Numbering fifty strong we opened the attack with a furious onslaught against the "impregnable" fortress of Room 4. In this battle-field we were slowly withered by a fire of electrical formulas by Captain T-y-r. We retired from this battle, but were not disheartened by the thus unsuccessful attempt to become electrical geni. We then braved the fire of Captain

T-y's mathematical line. After a further series of bombardments by Major M-y's infernal machines we decided to rest the troops in preparation for the big push of the enemy (examinations).

### The Enemies Big Push (3rd Term).

This commenced with a general attack from all quarters. On our right General S— opened with volleys of awkward historical questions, scoring several direct hits. From the front and left the combined units of Captain T— and Major M—, also Captain T— bombarded us with disastrous results. Although our numbers had dwindled to seventeen, we sustained these repeated attacks and retired in perfect order, leaving the enemy nothing but grey hairs and headaches.

Despatch closed.

### ENGINEERING 2.A.

Emerging from the clouds of success of 1938, the Empire flying-boat "Eng. 2.A." glides to a perfect landing on the harbour of "Christmas holidays," thus completing her record-breaking flight round the S.M.T.C. The journey itself was divided into three "hops" (the first, second and third terms). At the end of each we stopped for overhauling. During the first hop the controls were in the hands of flight-commander Gilmore, at the end of which, they were taken over for the rest of the flight by flight-commander Wood, under whose skilful handling we made up for lost time. Among the celebrities there were Sivewright and Smyth of the first fifteen, and on the first "hop" Miens of the first eleven, while Horton was included in the inter-secondary school swimming sports relay race. Sivewright also gave a notable performance in breaking the record for the Boyd's hurdles, which was afterwards bettered by Lambert. There were also on board, we discovered, three notorious boys, in the form of "milk racketeers," these being Fox, Harris and Christopher. We have a lot of work to do in preparing for a new flight, so the Empire flying-boat "Eng. 2.A." of 1938 will fly into the blue, and our new 1939 design ship "Eng. 2.A." will take to the sky, to begin a new history-making flight throughout the S.M.T.C. of 1939.

### ENGINEERING 2.C.

In our form of Engineering 2.C., we have some of the brainiest and some of the best behaved boys in the College.

Our stalwart class captain, nicknamed "Hedgehog," because of his wily hair, uses his magnificent physical and moral strength to keep order amongst the rowdy element of the class.

We have many sportsmen in our band, and they excel in all the competitions for which they enter. Our class numbers have been sadly depleted because of the iron rule (or is it steel) of our metalwork master.

The leading intellectual light of our class is "Aye, Aye, Sir," who can always be depended on to give the wrong answer to any question that he is asked.

Our form-master is noted for his left-handed back-hand swipes and his infinite supply of cubes.

Our mechanics master is a boxing exponent who uses his energy in applying friction to the pants of several of the disobedient boys.

Those of us who are not leaving school hope to graduate to the third year classes next year and to be able to head our notes, E.2.A.

## ENGINEERING 2.D.

They call our form "The Wonder Class"—  
An unjust implication.  
Why, work to us is just a farce  
— Mere mental recreation.  
We are, indeed, a mighty class,  
The marvel of the nation,  
But often times we're worked so hard  
Our brains go on vacation.

Shocking, you say, but please don't jump to conclusions, although we are really full of energy and bursting with bright ideas, we are thwarted at every turn by those who misunderstand us.

The school programme doesn't suit us. That's our trouble. It is culture we seek. A radio set in every form room with half-hour programmes every period and optional attendance as well would be more in our line.

We have many prominent persons in our midst. Holland, our budding All Black plays full-back for the second fifteen; Diver and Crabb are our soccer players; while Deric and Cornall could sponsor a first-class concert on their own.

We have many other titles to fame but unfortunately our very limited space does not allow us to enlarge on them. We must find time, however, to mention our modern Romeo, who has become quite romantic when a dancing class was proposed.

Hoping to head our notes E.3. next year we now sign off with all best wishes to our teachers.

## ENGINEERING 1.A.

"Calling all forms! Calling all forms! This is E.I.A. broadcasting on relay from room sixty-one.

Room sixty-one, Engineering 1.A.'s form room, is about the coldest room in the College except when there are one or two heaters in the room. On a cold winter's morning you can see icicles hanging from the open windows. You see, our form room is down low and sometimes a few nosey-parkers have a free look in at the boys while the boy under the window hook just gently closes the window taking the skin of their noses. The piece of poetry best describing room sixty-one, goes thus:—

Our form room is the most unpleasant,

In all our mighty school.

It has a beastly concrete floor

That keeps our poor feet cool.

Our windows are of frosted glass.

And when they open stand,

The passers-by can stare right in.

And view our gallant band.

Our teacher roars and raves at this,

It does our minds distract.

But to us boys it is great fun.

To let our minds go slack.

And now that winter is nearly gone,

Two brand new heaters rare.

Adorn our room and give us heat.

For all the boys to share.

The other day Campbell flew out of bed with a perfect brain-wave, getting into the grey matter. "Campbell for impot! Why write lines, Come to the wholesale import merchant and buy back your old impots instead.

He spent the best part of the day collecting old impots from waste-paper baskets and ash cans. Opened shop at 3.30 p.m. What a flop! The first caller—the Head. He'd heard about it and wandered along to inspect the stock. "Did he feel the cane the Head brought along with him?"—As Campbell afterwards said,—"Nothing good racket gone wrong, they certainly don't understand business in this sleepy 'old shebang!"

## The song of E.I.A.

Forty E.I.A. boys  
Marching to and fro,  
Upstairs for drawing  
But downstairs for play.  
Downstairs for metalwork  
English round the bend,  
Straight along the corridor  
To the library at the end.  
Upstairs and downstairs  
We wend our weary way,  
Downstairs for history  
Which we don't have every day.  
Upstairs for geometry  
Graphs we have as well,  
And at the end of a perfect day  
We listen for the bell.  
This is E.I.A. going back to the main studio, so  
listen in at this time every year for another session  
of E.I.A.'s "Merry Makers."

"Good-Bye Everybody!"

## ENGINEERING 1.B.

### Frolics Of E.I.B.

Our form you know of E.I.B.,  
Is very fine as you may see.  
In games and sports it can be seen,  
Our fat-headed Franton should have been  
A fine big athlete tall and strong,  
If it hadn't been for his growing wrong.  
Now in Kalka there's a fiery chap,  
Who knows quite well he should wear  
his cap.  
In Smythie's team he does quite well,  
For at football he always did excel.  
With a dive-pass here and a droopy there,  
A boy like him is very rare.  
Old Goodwin is of funny cast,  
He wears his trousers three-quarter mast.  
With fiery hair and mischief wave,  
The teachers at him storm and rave.  
Our form master bright with many a smile,  
Is Freddy the Frog alias Mr. De Lisle.  
He enters the room with book 'neath his arm,  
And naught in his manner to cause us  
alarm.

Says he, "No more talking if you please dear boys,"

"I really cannot have all this noise."

We are the best that boys can be,

In our brilliant form of E.I.B.

In this school we excel the rest,

Of brains and sense we have the most.

Although we are not the ones to boast.

## ENGINEERING 1.C.

Now one of our budding poets has written a poem about our lordly form, E.I.C.

I think that I shall never see,

A form such as our E.I.C.

They are as clever as can be,

Although some teachers disagree.

At math's we are so very gay,

And never, never miss a day.

Our coldest room is sixty-one,

Which never, never has the sun.

Indeed it has a benzine heater,

That somehow always fails to heat her.

So in a very chilly breeze,

We writhes here to sit and freeze.

On very wet days at the S.M.T.C.

We have our lunch in school, you see.

For this we go to sixty-four,

And when he's gone we lock the door.

For a little time there's a buzzing noise,  
Made by the tongues of rowdy boys.

When lunch is finished, then starts the fun,  
To prevent getting hit you have to run.

A missile is flung with steady aim,  
And what results is all in the game.

In the very midst of our private war,  
A loud bang! bang! sounds on the door.

An effort is made to clean the place,  
For in the window we see a face.

The commanding voice of a prefect is heard,  
And we open the door without a word.

From Pike the prefect there comes a roar,  
Who caused this disturbance and what's  
it for?

Explanations are given with stammers and signs,  
And in return we are given some lines.

But then it's all in the fun you see,  
On a very wet day at the S.M.T.C.

## ENGINEERING 1.D.

"This is S.M.T.C. the feature station, bringing through the courtesy of the 'Seddonian' the radio programme entitled 'The Boys of E.I.D.'"

Here we are!

Here we are again,

E.I.D. is on the air.

On the air again.

"We are now switching over to No. 1 studio to listen to a lecture on electricity by Professor G. Peters, M.A.D."

"Hullo everybody! To-night we are going to study the construction of a wireless set. I have here a set I made myself and I'll just switch on the 'juice' and you'll hear things hum."

Bang! Crash! Scream! Boom!

"Dear me, we are very sorry to interrupt this interesting talk, but Professor Peters has just left very hurriedly through the roof."

The E.I.D. choir will now soothe your nerves by rendering the form anthem.

We are the boys of E.I.D.

Bringing you this melody,

We are brainier than the rest.

On whom we look as good-bye.

And so we bid you all good-bye.

To the tune of lullaby.

But now we must go on our way.

To find our place in E.I.A.

## ENGINEERING 1.E.

So that you may understand the habits of our form a little more, let's first look in at Room 12, our electricity room. The floor is as usual scattered with paper, vee-shaped segments of which are often propelled across the room by some unknown force. On turning round at these disturbances Mr. H— finds the class apparently hard at work.

In Room 78, a little more brain work is required to decipher some of the algebraical examples. This room is generally quite silent under the watchful eye of Mr. H. J—, except for an occasional rustle of a sweet paper, followed by the steady crunch of jaws as the somewhat sticky contents are slowly masticated.

On most wet Thursday afternoons we sit in Room 16 and watch the steady progress the orchestra to be, among the group being one of our form-mates.

Reynolds, the class singer, has just burst forth into some again with such gusto, that I wrote down half the first line of "Curry Me Back to Old Virginia" because I realised my mistake. So here I ginja! must end, hoping to head our notes next year, Engineering 2.E.

## ENGINEERING 1.F.

Room 12 in the daylight,  
Is E.L.P. awake,  
Grim and ghastly noises,  
Annoying Mr. Drake,  
Shadows of old Billie Bell,  
Having his morning nap,  
Dreaming of a shadowy man,  
Who wields a shadowy strap.  
Football Results—Soccer: E.I.F. v. E.I.C. Won.  
T-5, Rugby: E.I.F. v. E.I.E. Lost 19-0.  
Our form master this year is Mr. Dallimore who has a great record at this school. He was first a pupil, then a prefect, and even higher to head prefect, and now he is an instructor in metalwork and trade drawing.

In this form there are several nationalities. Young, a Scotsman who is very broad in accent, cannot let a day go by without having a scrap. On the other hand (which one?) Wong, our Chinese representative, is very hard to find, but he is usually found in the tuck shop. We have an Australian, Lionel Bell, and a sprinkling of Englishmen. All, however, are loyal "Ezedders."

They were wild and woolly boys,

Who could only make a noise,

They talked until the masters came.

Who said "play up and play the game,"

The game they sure did play that day.

Was sending pellets on their way.

Hotham like a snipper brave,

Nearly sent Taylor to his grave.

About our form room we must behave,

For Harvey pushed Keith and Keith pushed Dave:

The window bent and flew into bits.

When up came Mr. W— nearly in fits.

On the whole, we think we're not a bad class.

Some teachers say we might just pass.

But we are all happy (says I says us)

'Tho' other teachers say we'll miss the bus."

## WOODWORK

### WOODWORK 3.

Two years ago, two "squilbets" were in W.I.A., while a country lad was in W.I.B.

Last year these three were united and with twenty other gentlemen formed W.2. Of the eight remaining at the end of that year these three are the sole survivors. They are Clive Cashmore, the dignified sub-prefect and late country lad, Rori Beck and Norman Coop, the two now full-grown squibs. We are represented in athletics by Cashmore, football by Coop, and tennis by Beck. We had two helpers in the concert. Beck was working on the scenery and Cashmore was an usher. So on the whole we are quite a sporting form.

### WOODWORK 2.

This year we have found it impossible to write form notes owing to the difficulty in verifying the many wild and scandalous rumours that have circulated through the College concerning our honourable doings. But we take this opportunity of flatly denying that Pine is so "dumb" he thinks a ford is a species of "tin lizzy."

That the walls of Room 62 are black with white spots.

That McKay has not worked for so long, he thinks "manual labour" is a Spaniard.

That Giles gets up in the middle of the night and plays tennis with his shadow.

That we ever fail to do our maths homework.

That one day when we did, Mr. J— gave a rough answer (with a strap.) to three insignificant figures

That Haire's pen won't spell properly when it is put on an examination paper.

That Porteous is the champion "tiddlywinks" player in Grey Lynn and Westmore.

That Rayner has in his head every characteristic of a log.

That Legg is publishing a book called "Legs on Logs."

That Morgan sang Schubert's Serenade outside of Room 48.

That Buckley rides his bike so fast that telegraph poles look like a picket fence.

That Downs always keeps as far away as possible from the woodwork machinery.

That Hughes flew to school in the best stick model aeroplane he had ever made.

That Conolly works like a petrol engine (on a system of explosions.)

Willan and McNicol say it is a waste of good ink denying any more rumours as they would probably be "unmitigated and malicious" lies.

#### WOODWORK 1.A.

How would you like to live in an "ice box" for six months?

W.I.A. achieved this feat by living in Room 62. But imagine our delight when we found that the cold breeze was at last blocked out with a new window pane. The window too was fixed to open and shut properly and finally we welcomed the introduction of the small heaters.

Now, Room 62 is not so bad, but we live for the day when the walls are painted and the floor is covered with something a little softer and not so cold as concrete.

The collection of tanks and pipes in the room resemble a run runner's "still" or what we think a "still" would be like—in reality it is only a hot water system which forgets to be hot.

We are a clever class and this is proved by the number of people who, when passing down the street, poke their inquisitive heads into the room and watch us at work, while our chief executioner quietly closes the window on their astounded and gaping heads.

We really have a quiet time in Room 62 apart, of course, from—the trucks and traction engines on the street to our left—the bashing of metal and gongs in the metalwork and handicraft rooms on our right—the grinding and whining of lathes, etc., over our heads—the scraping of chairs on bare concrete, and the shouting of teacher in the front of the room—in an endeavour to make himself heard.

To assist the teachers we, of course, are always quiet? ?

But taken all round we have a pretty happy time and we make the most of it.

#### WOODWORK 1.B.

Editor's Note:—This class sent in some verses describing their activities but the standard of these was such that they could not be published without showing up the other classes too much (perhaps). It was thought better on this account to leave them out. Thanks, Woodwork 1.B. and better luck next time!

#### TYPOGRAPHY 2 and 3

Hullo! Hullo! Roll ye along to Room T, the room where you will find the future printers of Auckland. In there you will see the remnants of Typo. 2 and 3 playing "Pick-up-sticks." They may stop a while to tell you of the doings of our fast disappearing class.

One wet day, a lad who had been paddling around the playground, on seeing the heater, took off his socks and hung them over the heater. He soon had the heater to himself. Another wet day, two boys

decided to close the windows, but so strenuous were their efforts, that the window collapsed.

Imagine the surprise of our teacher when he sat on a chestnut which had been thoughtfully provided by one practical joker. Luckily the culprit was never found.

From what you have been told so far, you will think we are a form of humorists. However, we had three representatives in the first fifteen, two of whom left before the end of the season. Cranah carried off the senior swimming championship, while many of our boys came to light in the athletic sports, so our record is not so bad after all.

Most likely, by the time you have read these notes, the nine remaining pupils will have dwindled down to about two, and then you will have to use a microscope to see us, so I had better sign off or I will have left before I have completed these notes.

#### TYPOGRAPHY 1.

Let us peep into Cage 78 of the S.M.T.C. Zoological Gardens. Ah! here comes Warder W— to spend two periods in the good old form cage trying to make us more closely acquainted with one of the toughest inhabitants of the College gardens—an old fellow known as Maths. Another cage where we spend a good deal of our time is cage T which is certainly a cold and draughty place during the winter, but we are so interested in the intricacies of printing that we do not notice this.

If we are lucky we have time to finish our lunch before Typo. 2. come back from the park to throw us out of the cubs. However, their number is diminishing so rapidly that we no longer fear them. And so our life goes on until the end of the week when Hoppalong Cassidy, alias Wilson, entertains us with our theme song.

We are the lads of Typo. 1.  
Ereast workers have we none,  
But for mischief we are bound,  
Shooting pellets all around.

◆ ◆ ◆ ◆

#### BASKETBALL NOTES

This year, the basketball season was commenced with two very enjoyable matches against Pukekohe. They were clean, swift games, and in each case the School team won, with these results—

Seddon "A" 19, defeated Pukekohe "A" 14.

Seddon "B" 28, defeated Pukekohe "B" 18.

Later in the season the two School teams visited Hamilton Technical College. They enjoyed the visit greatly, and the "B" School team was proud of its win. The scores were as follows:—

Hamilton "A" 25, defeated Seddon "A" 14.

Hamilton "B" 7, lost to Seddon "B" 11.

The school is represented on Saturday afternoons, at Windmill Road Courts, by two teams, which do not necessarily consist of school team girls. They have placed, one in the Senior "B" grade, the other in Second "A", and have been very successful, being among the leaders of their grades.

On Tuesday afternoons, house matches are being held. Hindley at the end of the fifth round is leading with 114 points. Wellesley 74, Binns 60 and Seddon 51. Last year, Hindley was also the winner, with Binns in second place.

The form matches were played late in the season last year. Commercial 2.A. won the shield by a very small margin over Commercial 1.C. This year the matches have just commenced and will be finished in the third term.



FIRST FIFTEEN.

Back Row: F. Delgrosso, J. Brinsden, A. Ashley, J. Sivewright, R. Perry, A. Savago, D. Smythe.  
Middle Row: K. Morrison, K. Catterall, N. Gillanders, L. Woodhead, B. White, A. Thomas.  
Front Row: Mr. Ohlson, D. Lambert, L. Taylor (vice-captain), D. Laurie (captain), I. Cummins, D. Pike, Mr. Burley.  
Inset: E. McPherson.

—Photograph by Alan Blakey.



FIFTH GRADE A. RUGBY TEAM—WINNERS OF CHAMPIONSHIP.

Back Row: K. Rae, B. Hill, V. Lord, P. Brooks, W. Morrin, D. McKinlay, N. Noble, J. Mitchell.  
Middle Row: V. Ryall, J. Callinan, R. Barry, E. Sutcliffe (captain), K. Merrill, J. Wilson, Mr. McKillop.  
Front Row: R. McGregor, K. Lane, C. Laurie, R. King.

—Photograph by Alan Blakey.

# WINTER SPORTS SECTION

## BASKETBALL-RUGBY-SOCCER

### RUGBY

#### RUGBY NOTES.

##### FIRST FIFTEEN—Coach: Mr. Ohlson.

After the success of the first fifteen in the second grade competition in 1937 it was this year decided to enter the team in the Senior grade of the Secondary Schools' competition.

In spite of the many reverses, the team enjoyed its season and feels that the step was really worth while (from the experience gained). The forwards were equal to the forwards of the opposing teams but the backs unfortunately were lacking in experience in the higher standard of football that they met. Still they were all young players who should distinctly benefit from the year's football season.

#### FIRST ROUND.

v. Takapuna: The season commenced very hopefully with a win against Takapuna Grammar School, 14-11. The team played with confidence and from the play of the backs it appeared as if they would develop fair combination. Our points were from tries by Pike and McPherson, two penalty goals and a conversion by Perry.

v. Auckland Grammar: This game was not quite as one-sided as the score of 22-0 might indicate. The forwards were evenly matched and played very good football, but Grammar backs made full use of the ball when they had possession and it was this finish that made the score mount.

v. Sacred Heart: With the success of Sacred Heart in its first matches it seemed as if we would be fortunate to make any kind of a showing against this team. The first half however, proved very even with the score at 6-6, but Sacred Heart with a field goal, a penalty goal and a try in quick succession soon put the issue beyond doubt. The final score was 19-6—a try by Sivewright through good following up and a penalty by Perry. It was in this match that Laurie, who was then captain of the team, broke his arm and unfortunately ended his football season.

v. Mt. Albert Grammar: Here again we held our own in the first half, the score being 10-9 in Mt. Albert's favour, but their definitely superior back line made full use of the ball in the second half. The game ended at 26-9, all our points coming from penalties by Perry.

v. King's College: Up till now the forwards had played good football but in this match they lacked life with the result our backs never saw the ball. It might have been a case of playing as well as the opponents will allow you, of course. King's won the match, 9-0.

#### SECOND ROUND.

v. Mt. Albert Grammar: By this time we had lost several of our original team and were unable to put up the same resistance as in the first round with the result that the score in this match was 35-0 against us.

v. Auckland Grammar: The team rose to the occasion in this match and were indeed unfortunate not to score two tries in the first few minutes, but it was

just that lack of experience and finish which cost us them. The final score was 13-0 for Grammar after a fairly evenly contested game.

v. Sacred Heart: Meeting this team on the wettest Saturday of the season we entertained hopes that our forwards might hold their own and make a low-scoring match of it. But in spite of the greasy ball Sacred Heart backs handled extremely well and their full-back never failed to take advantage of any penalty or conversion. It was another high-scoring match, 31-0.

v. King's College: This match ended in a draw 6-6, and in this we were extremely fortunate for King's led 6-0 till the last few minutes. In the latter part of the game, out of sheer desperation the backs threw the ball around recklessly and were rewarded by two tries. Both of these were scored by Lambert, a very creditable performance for one who had just come up from the fourth grade.

v. Takapuna: We played this match on College Day, and the issue determined who should fill last place in the competition. We missed points we should have got and consequently paid the price. The final score of 6-3 against us was a true indication of the merits of the teams.

v. Hamilton Technical High School: It was our turn to journey to Hamilton to play our annual match, and although the trip was a rush one it was most enjoyable. Arriving at Frankton soon after mid-day, we were entertained at lunch, and then played at Rugby Park at 1.15 p.m. This proved to be "too soon after dinner," the team being lifeless for the first half by which time Hamilton led 14-0. In the second half our display was better, the backs throwing the ball about to some advantage. It was from one of these movements that Ashley scored a really good try. The ball passed through the backs to Lambert on the wing and then in again through several hands to Ashley. These were all the points we scored, Hamilton winning 19-3.

#### PLAYERS.

Laurie, half-back: Captain at the beginning of the season, but played only three matches before he sustained a broken arm. He was developing the long pass to his inside backs and opening up good movements before his unfortunate retirement.

Delgrosso, half-back: Inclined to be slow to keep up with the game, but served his backs well—was not frightened to stop rushes and has a useful kick.

Perry, five-eighth: Played really good football this season, varying his play and never missing an opportunity to find the gap. He played at full-back on occasions and filled the position well, but his attacking qualities were best here. His place kicking and line kicking were a decided acquisition to the team.

Ashley, five-eighth: Although light set an example to the team with his good tackling. Lacked confidence in his ability on occasions, but should benefit considerably from the experience of this year.

McPherson, three-quarter: Played well on occasions, but at other times disappointing—his speed, but this was nullified at times by failing to take his passes.

**Brinsden, three-quarter:** Ran with plenty of dash, and tackled extremely well. He improved with every match he played and should do very well next season.

**Lambert, three-quarter:** Promoted from the fourth grade half-way through the season and showed he has plenty of football in him. A determined runner who would have done better had he been given more room in which to work.

**Catterall, three-quarter:** Although having plenty of pace still lacks confidence and determination so essentials to a three-quarter.

**Thomas, full-back:** Playing out of his true position he proved to be slow in getting to the ball but this should be overcome when he becomes used to the position. His kicking and tackling were sound.

**White, front row:** Worked spasmodically, but a very useful forward to have especially for his line-out work. Stopped rushes well and his left foot kicking was decidedly good.

**Pike, front row:** Could play good football, but inclined to be a "shiner." When given weight in the scrums he hooked well.

**Woodhead, front row:** A willing worker who improved as he learnt more about the game.

**Merrison, front row:** A good rugged forward who used his weight to advantage.

**Sivewright, side row:** Developed into a really good forward this season. Excelled in the line-out, has plenty of pace and was always on the ball. He should play good football in seasons to come.

**Taylor, lock:** Captain throughout most of the season. Lived up to his reputation of the previous season and led his forwards admirably. A tireless worker setting a great example to his team.

**Gillanders, lock:** Another good forward who was sadly missed through injuries—always using his weight in the thick of the forward work.

**Hayden, side row:** Somewhat light, but eager for work—has good control of the ball on the ground.

**Smyth, back row:** Again a shade on the light side, but did all that was asked of him. Very quick to get to opposing backs and served the team well in this respect.

**Cummings, forward:** Played in several matches and put plenty of dash into his work.

**Savage, forward:** Unfortunately too light to fill a position in the scrum adequately, but when he was played worked solidly till the final whistle.

### THIRD GRADE.

**SEVENTEEN FIFTEEN—Coach: Mr. Brooke**

1938 found many boys eager to play for the third grade and at the beginning of the season it was thought that the team might equal the record of the 1936 team. However, in our first match against Mt. Albert Grammar we were defeated by a narrow margin of one point—the final score being 17-15. Tries resulting from forward play were scored by Simpson, Hesketh and Delgrosso, while the latter converted two tries and kicked a fine penalty goal.

Our second match was against King's College. In this game our forwards were weak, while the play on both sides was very poor, the final score being 5-0 in favour of King's. At this stage we lost several forwards, while our two best backs, Brinsden and Delgrosso were transferred to the first fifteen. As a result of this change our meagre chances in the grade were weakened considerably. In our next two games we were defeated by Sacred Heart

College and Auckland Grammar by 12-0 and 17-0 respectively. Thus we finished the first round without a win to our credit, but we had played clean, hard football, and had done our best under the circumstances.

In the second round we merely a team of reserves for the first fifteen as nearly every week saw a change in the team. However, we were fortunate in receiving the services of Moyes and Ballard who strengthened our line of backs considerably. The results of the second round were disheartening as we were defeated by Mt. Albert Grammar, Sacred Heart College and Auckland Grammar. In the latter game, owing to accidents we finished with only thirteen men. Under these conditions the team did remarkably well to hold the score at 6-0.

During the season the Pukekohe Technical School first fifteen defeated us in a match in which we were definitely outclassed by a superior team. Late in the season we visited Hamilton where we played the Technical School in a game which resulted in a draw, 3-3, one try going to the wing, Williamson.

The team spirit throughout was excellent in spite of the losses, no lack of keenness being shown right to the close of the season, Moyles as captain being in no small measure responsible for this.

### FOURTH GRADE—Coach: Mr. Titheridge.

**Team:**—Connolly (captain), Diver, Horton, Gavin, Paitai, Browne, Middleton, McTee, James, Robertson, Catterall, Mendes, Lines, Gilmour, Everson, Hutchinson, McCulloch, Deaming, Leady, Stephens.

The fourth grade team did not come up to expectations this season. Out of eight games played, six were lost and two won. The grade consisted of six teams, Auckland Grammar, Mt. Albert Grammar, Sacred Heart College, Takapuna Grammar, Otahuhu Technical and ourselves. The competition was very hard. Mt. Albert had a surprise win over us in the first round, the final score being 9-14. Several easy kicks were missed. The team never played its full strength from the third game onwards. At this stage the loss of Lambert to the first fifteen was a serious blow.

Amongst the backs, Diver at full-back was far too slow. The wings, Horton and Connolly were good on attack and fairly good on defence. Connolly takes the man with the ball and not the man he is marking. Paitai at second five-eighths is inclined to throw his passes anywhere. The half-back, Middleton, was sound. He could always be relied upon to give a good pass. The outstanding forwards were Gilmour, Lines and Mendes.

**Results:**—v. Grammar, lost 0-15 and 0-17; v. Takapuna, won 3-0, lost 3-8; v. Sacred Heart, lost 0-20; v. Mt. Albert, lost 9-15 and 0-22; v. Otahuhu, won 12-3.

### FIFTH GRADE A—Coach: Mr. McKillop.

The fifth grade A team this year made an excellent showing and gained the highest possible honours by winning the grade without losing or drawing one match. In the first game against Grammar the team lacked confidence in themselves and won by a very narrow margin, but in later games won very convincingly, being always a dangerous scoring combination. The able coaching of Mr. McKillop was a great help in attaining our high position.

A few personal remarks:—

Wilson, at full-back, played excellently throughout the season and was a tower of strength to his side, besides kicking some magnificent goals. Sut-

cliffe at half, was always reliable, repeatedly saving the side in defence, and scoring some very clever tries. Morrill's straight running at second five-eighths made him a dangerous attacking player, and his defence was very sound. Ryall, on the wing, showed plenty of pace and determination, and finished off many of our back movements.

The loss of Tuki and McGregor, two fine attacking players, did not stop our run of success.

Mitchell, Noble, Morrill and McKinlay in our back-line were always reliable and capable of creating openings.

Our forwards, as the season progressed, improved till at the end of season, they were a formidable combination. Barry excelled in all departments and scored some valuable tries when we most needed them. Brooks was always on the ball, and used his weight honestly in the scrums. Callinan and Laurie were both full of vitality and handled the ball as well as the backs. Lord was very fast in loose dribbling rushes; King as hooker usually gained possession for us, and was very quick off the mark if the other backs got it from the line-outs. Lane, Hill and Rae proved themselves good honest toilers.

With due modesty, we submit our record of games played, which we trust you will study carefully:—

v. Grammar A, won 5-3; v. Otahuhu, won 28-0; v. Takapuna, won 26-0; v. Sacred Heart, won 18-3; v. Mt. Albert, won 17-0; v. Grammar B, won 46-5; v. Otahuhu, won 25-0; v. Sacred Heart, won 8-3; v. Grammar A, won 8-6.

**Summary:** Played 9; Won 9.

**Points for:** 173; Against: 24.

**The team:**—Stutcliffe (captain), Barry (vice-captain), Ryall, McKinlay, Noble, Morrill, McGregor, Morrill, Mitchell, Wilson, Brooks, Callinan, Lord, Laurie, Lane, King, Rae, Hill.

### FIFTH GRADE B—Coach: Mr. Halstead.

The fifth grade B team enjoyed a pleasant season of keen football. The matches were interesting and evenly contested. Congratulations are due to the Sacred Heart team which won the competition, defeating our team 6-3 in the second round. We finished second in the competition.

The team was ably led by Smith, Wright and Brooks who acted as captains on different occasions. Frequently the team was called upon to supply substitutes in the A team as several boys left during the term. In spite of these difficulties the team held together remarkably well.

Credit is due to R. Smith, Morrill, McKinlay, L. Johnston, Carel and Thomas for good back play. Wheldale, Sullivan, Hill, and Manson were good workers in the scrums. Brooks and Lay were splendid loose forwards.

The following boys played for the team:—Smith, Wright, Brooks, Morrill, Stephens, Thomas, McLaren, Morrill, Norden, McKinlay, Carel, Beresford, Johnston, O'Meara, Parlane, King, Wheldale, Manson, Donald, Forsythe, Brooke, Sullivan, Moore, Heron, Hill, Lay.

### SIXTH GRADE A TEAM—Coach: Mr. Drake.

**Team:**—Hills, Tupp, Morrison, Preston, Thompson, Gasparich, McGowan, Gilbert, Sunnich, Yager, Miller, Flanagan, Hayson, Wong, Rennie, Corcoran, Birnie. Although we have not done as well as we might it has not been due to the standard of the players, but to the inability of some to be available on Saturday morning.

The forwards were very good and played as well as any in the grade. The backs did not have a chance to develop owing to the continual reshuffling of the team and lack of following up during matches.

The best forwards were McGowan, Tupp, Hills and Thompson, with the others not far behind. The best backs were Sunnich, Flanagan and Rennie. Sunnich was a staunch leader and set a good example of determination and keenness to the rest of the team.

The games as a whole were keenly contested and played in an excellent spirit. Some of the most exciting matches were witnessed against Otahuhu and Grammar School.

### Results.

**First Round:**—v. Otahuhu, won 15-9; v. Mt. Albert, lost 11-0; v. Sacred Heart, drew 3-3; v. Auckland Grammar, lost 3-0; v. Takapuna, won 9-0.

**Second Round:**—v. Otahuhu, drew 0-0; v. Mt. Albert, lost 18-9; v. Sacred Heart, lost 3-4; v. Auckland Grammar, won 9-0; v. Takapuna, won by default.

### SIXTH GRADE B TEAM—Coach: Mr. W. M. Smyth.

Our most interesting game was against Mount Albert Grammar B in which we lost to them 16-11. The half-time score being 11-3 in their favour.

The matches we won were against Auckland Grammar (twice). We drew ones with Auckland Grammar B. All other matches were lost, but in every case by a very narrow margin.

The team comprised:—W. Prager (captain), Burns, Bell, Boyle, Birnie, Chaplin, Urouhart (backs); R. Moss (vice-captain), Carmichael, Corcoran, Hoare, Larkin, Mayall, Moore, Matheson, Webster (forwards).

### SEVENTH GRADE—Coach: Mr. Adams.

The team this year had an advantage over previous teams in that it had a better selection of good players, although the usual difficulty of finding fast backs was experienced. The forwards, on the whole, were a solid lot, and were capable of holding their own against the best of their opponents and on many occasions showed marked superiority. The backs at first were unimpressive, but as the season advanced a definite improvement was noticeable.

Among the forwards, McConnell, Carr and Cummings showed promise, and in the backs, Moyle, Gilven and Morris should develop into useful players.

The team consisted of:—McConnell (captain), Paul, Carr, Metcalfe, Cummings, Clark, Bell, McKay and Barlow (forwards); Moyle, Gilven, Beresford, Tibbatts, Morris, Haire and McFarquhar (backs).

Games played were:—v. Sacred Heart A won 3-0; v. Mt. Albert Grammar, lost 6-17; v. Sacred Heart B, won 12-3; v. Auckland Grammar, won 23-0; v. Otahuhu Technical High School, won 6-3; v. Sacred Heart A, lost 3-20; v. Mt. Albert Grammar, lost 6-8; v. Auckland Grammar, won 11-3.

### A "GENTLEMAN" DEFINED.

A man who is clean both inside and outside; who neither looks up to the rich nor down on the poor; who can lose without squalling and win without bragging; who is considerate of women, children and old people; who is too brave to lie, too generous to cheat, and who takes his share of the world and lets other people have theirs. —Vantech.

## SOCCER

### SENIOR SOCCER XI.—Coach: Mr. Stewart.

The Senior Soccer team, by finishing third in the Championship and being beaten only after a very hard and even game in the knockout semi-final, upheld the reputation of its predecessors. The team held together very well throughout the season and the games were enjoyed by all. Although the season was started with a fairly weak team, considerable improvement was shown as the games were played. At the end of the season, as the game against Takapuna Grammar shows, the Senior team combined well together and were a team to be reckoned with.

The 1938 season was opened with a game against Takapuna Grammar and this was lost by a considerable margin. Owing to the lack of training, poor teamwork was shown and although the half-time score was only 2-0 the team collapsed in the second spell to lose to a much superior side.

Our next game against Mount Albert Grammar A. had much the same result. Although improved, our combination was not equal to theirs which was of a very high standard. In this game our defence was lacking greatly and a team which later yielded four New Zealand representatives defeated us soundly.

With a solid defence, good teamwork and passing Technical defeated Mount Albert Grammar B. in the next game by 2-1. The score was a fair indication of the game. Our first goal was scored by Stones and the second was the result of a melee in their goal-mouth.

We did not win our second game against Takapuna Grammar but considerable improvement was shown. Although we started short, the score was only 1-0 at half-time. The final score was 3-0.

Mount Albert Grammar A's second victory was won by the comparatively small total of 4-0. Technical played a fairly good game, the forwards being not quite able to finish off some very promising movements.

To end the Championship competition the team won its second game against Mount Albert Grammar B. by 2-0. The score at half-time was 0-0 but the oranges must have had a good effect as Technical netted twice in the second spell. Archibald and Irvine scored our goals.

The semi-final of the knock-out was easily the best game of the season as well as being the hardest. The score at time was 1-1 and as a decision had to be reached, extra time was played. Both teams were tired and fairly ragged play resulted. Takapuna netted twice in the last spell and a very interesting game ended 3-1 in their favour. The boys who played through the season were:—Davis, Watson, Hart, Betterton, Lomas (captain), Hart, Piggot, Lendrum, Irvine, Diver, Archibald, McBride and Wright.

The team was:—

Goal—Davis. Had a very busy season and came through many an ordeal with credit.

Backs—Hart, Watson. Both were very willing and good tacklers and played well in spite of having to do so mostly on wet grounds.

Halves—Stones, Betterton and Lomas (captain). As the team played mostly defensive football most of the work fell on the halves, all three of whom had many busy mornings and played consistently well during the season.

Forwards—Piggot, Lendrum, Irvine, Archibald, Diver and McBride. Most of the forwards lacked experience but were keen and reliable, the most outstanding players being Irvine and Diver.

Altogether, the team, although younger and lighter than their opponents in the grade, played with much determination and improved each week to finish off the season with a first-class exhibition in the knock-out competition.

### INTERMEDIATE SOCCER TEAM—(Coach: Mr. Dallimore.)

Goal-keeper.—Mortimer. Safe in goal, particularly with high shots.

Full-backs.—Sime and Wright. Two good hard-kicking boys who clear very well.

Half-backs.—Betterton (captain), Sulley and Richardson. These boys have played soundly throughout the season.

Forwards.—Borrie, Jarrett, Buchan, Sanders and Crabb. All of these are quite good players, the scoring when opportunities were present. The outstanding scorer was Buchan who netted in nearly every game.

This team had none of last year's players in it but nevertheless it has proved itself to be one of the best teams in the grade by being runner-up in the championship and winner of the knock-out. On the whole, the team was very light but that made very little difference to the play. Betterton proved to be a fine captain.

Summary of games:—The first game of the season against Otahuhu Tech resulted in an easy win, the score being 3-0. The football in the first half was ragged but there was an improvement in the teamwork in the second half.

The next game was a harder one and Tech playing well showed that they were superior to Mount Albert Grammar A. At half-time the score was 0-4 but in the second half Technical combined better than Mount Albert to win 3-1. Although there was no score at half-time, Tech had the better of the game throughout.

Against Takapuna Grammar the game was very close. Takapuna scored first but it was not long before Tech had scored twice and taken the lead. Tech being slightly the better team won 4-2.

Following this was the match when the team suffered its first defeat at the hands of Auckland Grammar by 6-2. This was the best game played in the round and until ten minutes from time it was a draw 3-3. Auckland Grammar put on a very fine effort and netted three more goals.

The next was against Mount Albert Grammar B. and resulted in Tech winning 5-1. This was a game of good teamwork against a weak opposition.

In the second round only three games were in their favour as Auckland Grammar had already won the championship undefeated. Tech won two of the three, the results being:

Tech, 8 v. Otahuhu Tech, 0.

Tech 2 v. Mount Albert Grammar 1.

Tech 1 v. Takapuna Grammar 2.

The first game of the knock-out was Tech v. Auckland Grammar in which Tech played exceptionally well to win 2-1. At half-time Grammar was leading by one goal but early in the second half Tech scored and then again two minutes from time.

Takapuna Grammar beat Mount Albert Grammar 5-1 and the following week Tech and Takapuna played the final which Tech won 3-1. This game was quite good but not as good as when they played previously. Tech played the same standard of football as that of the week before and emerged the winners, thus winning the knock-out competition.



INTERMEDIATE SOCCER TEAM—WINNERS OF KNOCK-OUT COMPETITION.

Back Row: R. Buchan, D. Sims, B. Crabb, N. Mortimer, G. Richardson, K. Wright, Front Row: Mr. Stewart, J. Sanders, J. Sulley, D. Betterton (captain), M. Borrie, R. Jarrett, H. Burt.

—Photograph by Alan Blakey.



JUNIOR SOCCER TEAM.—WINNERS OF CHAMPIONSHIP AND KNOCK-OUT COMPETITION.

Back Row: B. Kalka, J. Spencer, J. Neilson, D. Wilson, C. Sutton, A. Grieve, Front Row: N. Taplin, T. McLuckie, E. Davison (captain), V. Ellison, G. Maxwell, Mr. A. A. Smyth.

—Photograph by Alan Blakey.

#### THE HAMILTON VISIT.

Each year a Tech soccer team and two rugby teams play teams from Hamilton Tech. This year it was our turn to send teams to Hamilton. For the soccer game the Intermediate Team represented Seddon Memorial Technical College. On arriving at the Hamilton station the teams were met by some Hamilton Tech boys and taken into the station tea-rooms where they were given their dinner. After dinner they were taken to the respective grounds. The Soccer team went to Seddon Park which is half way between Hamilton and Frankton. Tech won the toss and the captain decided to play with a wind against them. In this game the Tech team played their worst match of the season. The backs were mis-kicking and when the forwards got the ball they would not pass to one another, so consequently they had it taken from them. About half way through the first half Hamilton scored, which was due to one of the Tech backs miskicking the ball and it shot in front of the goal-keeper into the net. At half-time the coach told the team where they might improve and he changed it around slightly. The change made some difference and Tech netted a goal. After that the play was slightly in Tech's favour but they could not score so the result was a draw 1-1. When the game was finished the boys had time to change and walk to the station where they had waited about five minutes for the train. The train left amid the Hamilton boys' cheers and arrived at Auckland at five to seven, being nearly half an hour late because of a crash at Takanini. Most of the boys went home tired out after a very enjoyable day.

#### JUNIOR XI.—Coach: Mr. A. A. Smyth.

The Junior eleven had a very successful year, winning both the championship of their grade and the knock-out competition. In the first game they met Mt. Albert Grammar A, and although two down in the first half and with one man away they succeeded in making it a drawn game and at the end were pressing strongly. The next game was played against Auckland Grammar and resulted in a hard-fought win for Technical by 2 goals to 1. Kowhai were next played and although several boys appeared to be rather short-tempered near the end, the match ended in victory by 3 goals to 0. In their match against Mt. Albert Grammar B Technical won a rather easy game by 5 goals to 0, and even then the score was not a very good indication of how the play went. The next game was played against their B's and resulted in a win by 11 goals to 0, and this total was nearly reached in the match with Mt. Albert Grammar C, whom they defeated 10 goals to 0.

The second round of the championship commenced with a win over Mt. Albert Grammar A by 2 goals to 0 as the team took the field with the full number of men. Auckland Grammar came next and in the hardest game of the year were defeated by 1 goal to 0 in a game that was hard and thrilling from beginning to end. As the team were leading in the championship by three points with only the weakest teams to play, the championship competition was declared closed and the knock-out competition was commenced.

The first game was against Mt. Albert Grammar A who were defeated by three goals to one in an interesting game that showed up the combination of the Technical forwards to advantage. The final played against Auckland Grammar stood at 2-0 in favour of Technical at half-time. After resuming play the score remained the same till near the end when Grammar netted. Then a piece of clever combination gave Technical a chance and the ball was

snapped up from a fine centre and in a moment was underneath the bar and Technical were the winners by three goals to one.

It was a good end to a good season, the team having been undefeated, winning nine out of ten games and drawing one. Forty-two goals were scored by the team as against five by its opponents.

#### CADET NOTES

During both the first and the third term a period of three days' consolidated training was carried out on the Auckland Domain with gratifying results to the instructors. Each time a very noticeable improvement became apparent at the end of the training period as compared with the beginning. The R.M.T.C. battalion also acquitted itself well in the King's Birthday Parade. It is possible that, in the near future, a week's barracks will be held, and the boys will have a real chance to become efficient cadets as well as to enjoy themselves thoroughly. The ideal thing would be for the whole of the boys' side of the school to spend the first week of the first term in camp at either Narrow Neck or even Ngauruhia.

Following is a list of the officers and N.C.O.'s of the Seddon Memorial Technical College, 3rd Cadet Battalion, Auckland Regiment.

C.O.: Captain B. M. Davis.  
B.S.M.: Sergeant-Major D. Pigott.

**A Company.**  
O.C.: Captain L. S. Wood; Lt. E. H. Halstead.  
C.S.M.: D. McPike.  
Platoon-Sergeants: No. 1, A. Ashley; No. 2, L. Woodhead; No. 3, R. Catterall; No. 4, G. McKenzie; No. 4T, A. Thomas.

**B Company.**  
O.C.'s: Lt. A. G. Adams, Mr. W. M. Smyth.  
C.S.M.: J. B. McDonald.  
Platoon-Sergeants: No. 5, B. Hulena; No. 6, K. Smithyman; No. 7, R. Lyon; No. 8, C. Hunter.

**C Company.**  
O.C.'s: Captain E. C. Woolfer, Lt. J. Pybus, Mr. J. F. de Lisle.  
C.S.M.: L. Taylor.  
Platoon-Sergeants: No. 9, G. Maskell; No. 10, R. Cranch; No. 11, L. Middleton; No. 12, E. Fox; No. 12T, C. Marks.

**D Company.**  
O.C.'s: Lt. W. M. Brown, Lt. H. W. King, Mr. L. E. Adams.  
C.S.M.: R. Perry.  
Platoon-Sergeants: No. 13, A. MacIntyre; No. 14, M. Thompson; No. 15, B. Hadfield; No. 16, B. Bright.

**Headquarters Company.**  
Signallers: Mr. J. Brooke; Platoon-Sergeant: R. Stead.  
Engineers: Lt. E. L. M. James; Platoon-Sergeant: W. James.  
Ambulance: Mr. C. L. Maloy; Platoon-Sergeant: W. Wassey.  
Administration: Lt. Carnachan; B.Q.M.: Q.M. D. Laurie; Armoury: Sergeant-Major T. Moyle; Rolls: Sergeant L. Kay, Sergeant L. Nunnerley.

One of the latest truck productions is a vehicle for use on rough tracks and for manoeuvring in restricted spaces. With this end in view all wheels are independently sprung; each wheel drives and the four pairs all steer.

# LITERARY SECTION

## POETRY AND PROSE HUMOROUS AND SERIOUS

### ON LEAVING SCHOOL

(Placed First Equal for Serious Verse.)

Now I must let slip into the past  
Days which are the happiest in my life,  
I realise that Time which heedeth not  
The feelings and affections of mankind  
Cannot be stayed in his relentless sweep.

Yet here where I have lost that which I count  
More precious far than silver and than gold,  
And see before me dawn a fuller life  
Which bids me taste of deeper joys and sorrows;  
I am not left with nothing in my hands,  
But have that sweet and living link—remembrance,  
And I shall never lose that precious gift  
For memory draws the past into a sphere—  
Corruption and decay come never there;  
And oh! 'tis joy unspeakable to know  
As through the world the path of life I tread,  
I shall have in store one happy thought  
So to remain for ever.

—Mary Capper, Commercial 3.A.

### HISTORY

(Very Highly Commended for Humorous Verse.)

Of all the topics we discuss,  
And over which our teachers fuss,  
There's one I love above the rest,  
'Tis History, the very best.

We have to learn of mouldy Kings,  
Of gallant knights and wedding rings,  
The glorious deeds of Francis Drake  
And how a King once spoilt a cake.

How interesting to read to-day,  
Of how King John was washed away,  
And lost his crown and half his brass,  
Because he was a silly ass.

It thrills us still to hear the tale,  
Of good King Hal so fat and hale,  
Of how he loved the fairer sex,  
And took his pick the naughty Rex.

But time forbids me to proceed,  
This happy theme, this noble creed,  
And so I close, and sing this song,  
"Oh! give us History all day long."

—Mavis Salisbury, Arts 2.

### WHARVES AT NIGHT

(Very Highly Commended for Serious Verse.)

Behind the loom of brown, that is the clock,  
Atop the Ferry Building, rides the moon,  
Silver runs madly through the ragged clouds,  
Makes them dove grey, but edged with Prussian  
blue.

A wild ring circles her within her path—  
Wind as the horses far beyond the Gulf.  
It gleams, it leers, it dazes, it seems to shout,  
"I have her in my grasp; what can you do."  
As onward o'er the heavens goes the chase,  
Her questing rays search far below to light  
In rippling loveliness the other shore.

—Kathleen Bailey, Domestic 3.

But here the space between the wharves is dull,  
Dull green, that gleams with lemon from the light  
Of flogging ferries as they pass, with foam  
Their wakes outstrewn behind, while from the bow  
Lifts up a bubbling surge—the sea ermine,  
Three stars ride high above each open hatch  
And swing from wharf to ship, and back  
To wharf again. Someone cries out;  
The lights are stopped, the crane is still once more.  
From high within his box the driver hears  
And knows the arc he'll swing his crane arm  
through.

Floodlights have bathed the ferricks, so that they  
Shine orange-brown against a swirling sky.  
Above each hatch the same goes on, until  
The "knock-off" sounds a rest from work.

Ignoring all the business of mere men  
A cat with tail held proudly in the air  
Marches along the pavement where I stand,  
Suspicious eyes are twitched towards the rails  
And then towards the rank of seats

To see if rats are running yet round there  
Black fur shines damply in the standard pool,  
He goes across to reach the further gloom.

Quick click of heels across the hard surface,  
A muttered oath; a winch's sibilant  
Purring. . . unwinking lights. . . a booming clock. . .

Night come to the wharves. . . —K. Smithyman, Accountancy 3.A.

### A WEE COOKERY LESSON

(Highly Commended for Humorous Verse.)

Miss B—, Miss B—, how cross thee hast been,  
Simply because some burnt cakes thou hast seen;  
For oh, my dear lady, thou must know this thing,  
That burning of cakes was begun by a King!  
Thy rage must not be then too quick to arise,  
When in the hot oven you smell some burnt pies;  
For cooks don't do well when they get in a stew,  
And so dear Miss B—, may the next burns be few!

—Audrey Carter, Domestic 2.A.

### TO A SPIDER

(Highly Commended for Serious Verse.)

In a dark and hollow cavern  
Which to you is earthly heaven,  
Here you drowse your life away,  
Neither hunting round nor playing,  
But with patience calmly staying  
Always waiting day by day,  
Waiting for some hapless fly  
Who perchance will come your way.

Here with hairy legs asunder,  
And your body drooping under,  
You present a gloomy sight  
Oh, Spider of the darker light,  
Do you never move your dwelling  
In that crevice in the wall?  
Does the wind not find you cowering  
When the rain begins to fall?

Round your doorway hangs a curtain  
Woven web of doom quite certain  
For the helpless flies or insects  
Who pass closely not suspecting  
That a web so fine and small,  
Hides a deadly trap for all.

All your life you live in gloom,  
In your close and stuffy room,  
Do you never wish to roam  
From your poor and dreary home?  
Is your life without ambition,  
And your resting-mat but fishing  
With your net for juicy flies,  
And live a life that all despise?

—Kathleen Bailey, Domestic 3.

### WILLOW TREE

Why do you weep, oh, willow tree?  
Why do you never smile like me?  
You droop your leaves on dimpled brook,  
And never lift your eyes to look  
At the stars on the blackened midnight sky,  
All you do is weep and cry.  
Why do you weep, oh, willow tree?  
Why do you not more happy be?  
You dabble your fronds in frothing stream  
And stand so still to weep and dream,  
Ne'er do you look at the sunny sky,  
All you do is weep and cry.  
Why do you weep, oh, willow tree?  
Why don't you laugh with the happy sea?  
You ne'er stop to play with the babbling brook  
But cry all day in your lonely nook,  
You mourn as the blustering wind goes by  
All you do is weep and cry.

—Emily Hogan, Domestic 1.B.

### COLLEGE IN OUR CITY

(With Apologies to H. Carey.)

Of all the schools that are so grim,  
There's none like our dear College  
It is the haven of all them  
That go there to get knowledge.

There is no college in the land  
That's half as big as this is,  
It is the haven of all them  
That go there to get knowledge.

When the staff go by, we do our work,  
We love them most sincerely,  
Even when they come like any Turks  
And bang us most severely,  
But let them bang their heartiest  
These tyrants of our College,  
It's still the haven of all them  
That go there to get knowledge.

Of all the days that's in the week  
I dearly love but two days,  
And they're the days that come between,  
A Friday and a Monday,  
For then we all do love to sleep  
And dream of our dear College,  
It is the haven of all them  
That go there to get knowledge.

—L.J. and M.B.

### A TALE OF TERROR

Last night I woke in terror  
A waiting in my ear,  
A blood-thirsty hair-raising yell,  
I shook with sudden fear.  
Was it the gliding snake?  
Was it the gloomy ghost?  
Was it that strawberry cake,  
That woke and worried me most.

I thought I heard a crash,  
Outside my bedroom wall,  
A rattling of the window ash—  
I was too scared to call.  
A deadly vision I could see  
Someone with glittering knife  
Bending quietly over me,  
I said "good-bye" to life.  
Then it slowly disappeared  
And there was I in bed,  
And all the things that I had feared  
Back in the book I'd read.

The girls' side of the school and particularly the girls' literary club are to be congratulated on their success in securing all of this year's "Seddonian" prizes. A very large number of contributions were sent in to the Editor who is only sorry that all could not be published. The Judges—Miss Henderson, Messrs. A. Smyth, W. Smyth and the Editor—have allotted the prizes as follows:—

**Serious Verse.**—"Dreams" by Emily Hogan, Domestic 1.B. and "On Leaving School" by Mary Capper, Commercial 3.A., equal 1. "Wharves at Night," by K. Smithyman, Accountancy 3.A., 3. "To a Spider" by Kathleen Bailey, Domestic 3., 4.

**Humorous Verse.**—"Revenge!" by Rosa Brady, Domestic 3., 1. "History" by Mavis Salisbury, Arts 2. "A Wee Cookery Lesson" by Audrey Carter, Domestic 2.A., 2.

**Serious Prose.**—"Garden Flowers" by Madge Campbell, Arts 2., 1. "Morning Stillness" by Jean McEl-downey, Domestic 3., 2. "Trees" by Norma Jeffries, Domestic 2.A., 2.

**Humorous Prose.**—"An Interview With Satan for the 'Seddonian'" by Emily Hogan, Domestic 1.B., 1. "All in the Day's Work" by Betty Campbell, Commercial 3.A., 2. "The Accountancy Student's Nightmare" by Mary Howe, Accountancy 2.A., 3.

## POETRY . . .

### DREAMS

(Placed First Equal for Serious Verse.)

Dreams are webs of fantasy,  
Woven by folk, like you and me,  
Dreams of life and laughter gay  
Of fragrant springs and flowery May,  
"Dreams for sale," 'tis pedlars cry,  
"Come, little child, with laughter buy  
A ride on the moon across the starry sky,  
A bed of rose leaves. Buy, buy, buy!"

But each rosy morn when you awake,  
Your golden dreams all split and break,  
So look, little child, your dreams in your heart  
For fear they split and break apart.

—Emily Hogan, Domestic 1.B.

### REVENGE!

(Prize for Humorous Verse.)

"And now I have you, heartless brute!"  
The peasant woman cried.  
Her hands were clutched about his throat;  
A dagger by her side,  
Her victim uttered not a sound.  
Her eyes stared at him fast,  
"You've caused me many a tear," she said,  
"I'll pay you back at last."  
The dagger bright, now in her hand,  
It glistened in the sun—  
Then followed one sharp, bitter stroke!  
The deed was past and done,  
Thus the poor onion met his end,  
A sorry fate for such a friend.

—Rosa Brady, Domestic 2.

## SEA FOAM

White, white, white as snow,  
I watch the sea foam come and go.  
Sitting high on waves that roll,  
White, white, white as snow.  
How it's shining in the light,  
Then like a flash gone from sight,  
I watch the sea foam come and go,  
White, white, white as snow.  
—Joy Gedye, Domestic 2.A.

## MY CHOICE

I think I know what I would be  
If they would leave the choice to me.  
I would be a gallant knight,  
Sitting astride my steed of white,  
I would fare far o'er the land,  
Just to gain a maiden's hand.  
I would fight the dragons fierce,  
Right through their hearts my sword would pierce!  
I would seek fine treasures rare  
And take them to my lady fair.  
I would capture tyrant rascals,  
And shut them up in strong stone castles.  
Then I'd return, whatever betide,  
To finish life beside my bride.  
—Valma Harper, Arts 1.

## SCHOOLGIRL'S FATE

(With Apologies to Masfield.)  
I saw a girl awaiting, awaiting, awaiting,  
With text books, and pencils, and paper in her grasp,  
And a teacher in a brown dress, calling out for quietness,  
Piping through the restlessness that's rising from the class.  
The winter rain is falling, steadily and fast.  
I saw a girl a drinking, a drinking, a drinking,  
From a bottle filled with creamy milk, sipping with a straw.  
All the girls are murmuring, while it slowly goes a sinking,  
Pulling out the cardboard tops and littering the floor,  
The empties are a clinking as they're carted out the door.  
—Fay Humphreys, Commercial 2.B.

## THE QUIET OF THE WOODS

In the quiet of the woods,  
A stream ripples by,  
And a bird sings clear  
In the quiet of the woods.  
The dainty ferns sway,  
And the soft moss grows near,  
In the quiet of the woods  
Where 'tis pleasant to lie.  
—Rata Shaw, Commercial 3.B.

## FAREWELL

"Farewell, farewell,"  
Said the setting sun,  
As it sank behind the hill.  
"Farewell, farewell,  
My work is o'er,  
The time for rest has come.  
Farewell, farewell!"  
Said the setting sun.  
—Nona Scott, Commercial 3.B.

## ECONOMICS

What's the subject we love best,  
Of course Economics (?)  
When's the period we do not jest,  
Of course, it's Economics (?)  
We never shirk, but always work (?)  
When having Economics,  
We never sigh, and never cry  
When having Economics.  
But at the end of a long, long term  
Of having Economics,  
We find that we just shake and squirm,  
If anyone says "Economics."  
—J. Robinson, Commercial 3.B.

## FLIGHT

(With Apologies to Ulysses.)  
Oft have I travelled on a ferry boat,  
And many times by motor did I ride,  
I've gone astride a pony, though it shied!  
I've even tried to ride upon a goat!  
A tram, a bus, a train, a bike, please note,  
A trolley and a scooter have I tried;  
Yet never through the air I chanced to glide  
Till once I ventured in a flying boat.  
Then felt I like some bird that roams the skies,  
Or like a stork that first in waiting lies  
Before it breaks and bids the thunder ring  
In accents deep, the wind to wake and rise,  
The lightning flash, and rain beat down on everything.  
—Beryl Stacey, Commercial 3.B.

## DAWN

When the mists rise in the valley,  
And the sun peeps over the hill,  
When the sky becomes ablaze with colour,  
And birds sing sweet by the rill,  
When the sea is a light blue haze,  
And the harbour a reflection calm  
Then you know that dawn has arrived,  
Giving peace to the day, like balm.  
—Rata Shaw, Commercial 3.B.

## THE MILK BRIGADE

Half a pint, half a pint, half a pint downward,  
On by the road of health,  
Marched the twelve hundred,  
Forward the milk brigade  
"Charge for the straws," they said,  
On by the road of health  
Marched the twelve hundred.  
Bottles to right of them,  
Bottles to left of them,  
Bottles in front of them,  
Clattered and clanged.  
Forward the milk brigade,  
Bottle was none mislaid,  
Not though the teacher knew  
Someone had dropped one.  
Oh what a milky mess,  
Alas for my poor gym-dress,  
On by the road of health  
Marched the twelve hundred.  
Bottles to right of them,  
Straws to left of them,  
Tops in the front of them,  
Scattered and tumbled.  
—Betty Birnie, Commercial 2.B.



BASKETBALL A TEAM.

Back Row: Isabel Johnson, Barbara Gow, Gladys Pritchard, Rena Cutler,  
Dawn Spears.  
Front Row: Joan Manning, Catherine Buchanan, Avis Badley (vice-captain),  
Olga McMillan (captain), Gertie Osborne, Miss Adams.  
—Photograph by Alan Blakey.



BASKETBALL B TEAM.

Back Row: Vivienne Orr, Bell Pilkington, Thelma Rosier, Joyce Merton,  
Doreen Brown, Joan Wilson.  
Front Row: Ena Gearing, Josephine Hickie, Fay Hunter (vice-captain),  
Esma Port (captain), Mignon Young, Miss Adams.  
—Photograph by Alan Blakey.

## PROSE . . .

### GARDEN FLOWERS

(Prize for Serious Prose.)

It was early spring and the cold earth was warming after a long and tedious winter. There were daffodils in the garden where the little old lady sat and as they lay there before her, spread out in glorious confusion, over lawns and in all the odd corners of the garden, a flood of memories came back to her.

How well she remembered the day when she had bought six little round bulbs and planted them in six different places in the garden. And now there were six hundred golden flowers at least, nodding and swaying in the gentle breeze.

The gate latch clicked and a little girl skipped up the path with a large bunch of violets in her hand. She approached the little lady shyly holding the flowers in front of her as if to get rid of them quickly; "Mummy sent these to you and she hopes you will like them," and before she could be thanked she had disappeared through the gate to join her play-fellows outside.

Violets! Next to her daffodils the little old lady loved violets! She raised the flowers and buried her face in them. They were so cool and sweet, and it dawned on her then that flowers were her only real friends. People were very kind and thoughtful to her, but all her life-long friends had died long ago, and now that she was eighty she knew that it would not be long before she would be following them.

Years passed and the daffodils swayed and nodded still, but there was no little lady to sit and watch them now, for she had joined her friends and left her garden to the sun and the rain to tend.

—Madge Campbell, Arts 2.

### AN INTERVIEW WITH SATAN FOR THE "SEDDONIAN"

(Prize for Humorous Prose.)

My heart was in my mouth when I entered the Cavern of Death, for I was going to interview Satan. As I descended the steps the gloom was pierced by rays of red light, and strange noises and eerie laughter echoed all about. At last I entered a large open space, lit by huge fires which were tended by ugly black creatures with no faces. In the gloomier parts of the cave, grotesque creatures, half-animal, half-man, capered and danced. Above all on a huge carved throne, with live snakes entwined about the legs, sat Satan, his huge fork at his side. As I mounted the dais leading to the throne, Satan thundered, "What do you want of Satan, mortal?"

I told him I wanted an interview for the "Seddonian," and he laughed heartily, his breath striking me in hot waves.

"Alright," said he, "question on, little one."

Although I was offended at this mode of address, I did not speak, for I did not want to anger him.

"How old are you?" I asked.

"Ho! ho! how old am I? Let me see—I'm as old as Eternity. Do you know how old Eternity is?" questioned Satan.

"No," said I, busily taking notes.

Satan went on,

November 1938

"You see young Quip here? He is the baby of the place and he's a thousand times your age."

"How do you know my age?" I asked.

"You never mind," growled Satan, "but get on with your interview. What do you want to know now?"

"Have you a wife?" I said. At this the snakes on the throne darted out their tongues and struck at me. I jumped backwards and sat down in an undignified attitude.

"I have not one wife, but many. These are four of them," he said, pointing to the snakes. The heat at this point was terrific. Beads of perspiration stood out on my brow.

"If you would like to stay, we are having a fancy dress ball this evening. You can borrow a dress from Madame Roast-'em-hot," said Satan. I consented to stay for I thought it would make a good front page account.

In the evening I went to the ballroom where a hideous crowd was assembled, and was greeted by Satan dressed in scarlet.

Everyone was laughing when the tapers were brought around and everybody's clothes were lit. My dress flamed and I screamed for help, but a laughing crowd pushed against me and hit at me with lighted clubs.

I ran blindly up the steps out into the air where an old woman put out the flames and tended my burns. On my arm I have now a small red mark shaped like a fork, and when I look at it I still hear Satan's mocking laugh and see again the red flames leaping up, up up!

—Emily Hogan, Domestic 1.B.

### MORNING STILLNESS

(Highly Commended for Serious Prose.)

The air was crisp and clear in contrast with the misty dampness of the earlier morning. The rippling sea lapped the rocky shelves gently, and a hollow sucking sound penetrated the stillness. The blue of the sky was reflected in endless shades on the incoming tide, and these shades deepened into emerald greens, and were enhanced by glinting beams of sunlight. An ethereal wisp of cloud hung motionless on the horizon, and from the depths of the gloomy forests a remnant of the clinging dampness trailed away into space.

The morning tide crept onwards, devouring the smooth damp sand, until it reached the gnarled stumps of the shore's guardians. The water rose slightly above the mark registered by other tides, and lifted several inches of refuse which had collected in the grooves of the trunks. The scarlet-spangled pohutukawas, their sparse foliage glistening with dew drops, overhung the steady water. An investigating tul, rejoicing in the brightness of the sun, sent a shower of stamens on the gloomy green of the tide, and they drifted idly towards the shore, a brilliant touch on the swelling sea.

A waterfall booming over rocky terraces, edged by damp moss and lichen, into the swirling pool beneath, disturbs the quiet. From a distance it fades to an unceasing musical song, above which the deep-toned notes of the tul rise. A swooping gull crosses the bay and joins the waterfall with a shrill piercing cry, in its unrest. The suddenness seems to break the stillness, and the cry echoes ringingly from the valley to lose itself in the vastness of the bay.

—Jean McElDowney, Domestic 3.

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## I SUDDENLY REALISE THAT I AM INVISIBLE

One morning when I awoke, I had a queer feeling in my head and I thought I would be able to stay home. When I got out of bed, I had a look in the mirror and to my consternation I found that I was nowhere to be seen.

I then went down to breakfast full of fun and delight. I sat down very quietly and then my mother called.

"Come on Jack, if you don't hurry you'll be late for school!"

Then I said, "I'm here, Mum."  
She almost fainted.

Half an hour later all was quiet again and I was eating my breakfast which I think rather fascinated our cat, he sat watching a piece of toast disappear into space, then he would pat his paw over his eyes and 'meow' mournfully. Suddenly I bent down and stroked him, he sat upright, looked at his back, squealed and then bolted.

My mother said she would take me to a doctor but when we got there, the good man was really confused at first and he said, "Well, 'er, could I see his tonsils?"

"If it's possible, you may but it is as good as looking for a black cat in a coal-mine without light."

At last he felt me all over, pinched me a few times, then he gave me a few pills and said that if I could find my mouth to put them in to swallow them. The next day I put some of the pills in my mouth and they worked wonders. Within ten minutes I was visible again and my mother said I could go to school. At this I shuddered but try as I would, it was impossible to become invisible and I had to go to school.

—T. Alleyne, Typo. 1.

## A CHRISTMAS JOURNEY IN NEW ZEALAND

Christmas in New Zealand is vastly different from Christmas in England.

The day before Christmas I caught a service car from Auckland city to a farmhouse in the back-blocks. There were several other people in the car; two of them an elderly Maori couple. Everyone carried parcels, obviously Christmas presents; perhaps one of the ways in which people of most lands are alike at this season. One of the greatest differences about a Christmas journey in England compared with one in New Zealand is perhaps to be found in the clothes the travellers wear.

In England all are wrapped up in rugs and heavy woollens; in New Zealand the gayest of summer frocks are worn. The sun shines hotly and the fields we pass are a cool green where lambs lie lazily in the brilliant sunshine. What a contrast this, to the cold streets and wintry winds of London in December.

Now and again a shining, quivering blue patch can be seen from the tops of the hills. The sea is not far away from the centre of the northern peninsula and is often seen now on one side then on the other. Next down into a valley we slide. Far away can be seen the gloomy blue of the bush-clad mountains while nearer at hand a little creek can be seen twinkling through the wood.

Now and again we come into a tiny village, quiet and sleepy—even the dogs lie peacefully down in the shade. Horses and cows munch mildly at the grass. Outside one of these villages we stop. It is mid-day

and lunch has been provided. We sit down by the river under a spreading silver fern and eat a cool lunch which was brought out from a neighbouring farmhouse. A picnic at Christmas? Yes, a picnic in a beautiful sunny land with jellies, cream and cold chicken—not the hot meals needed in England. Then on we go with our journey again.

The country seems to get more beautiful as we continue. Even in the evening very late when we finally stop the bright moon and golden stars and a beautiful day and make what seems to me a still more beautiful night.

—Jessie MacLennan, Com. 2.A.

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Dinner was just over in the Brown family. The teadishes had not been removed from the table but we were waiting until the daughters of the house felt inclined to tackle them. Father, who had, during dinner, felt the urge for tidying something, was sitting in a very undignified position, sorting out the numerous papers from under the kitchen sofa. The two youngest boys of the family were cheerfully modelling aeroplanes by the fire and the room was in as great a muddle as it possibly could be.

Suddenly there came a sharp peel of the door-bell and everyone, including father, jumped to their feet with a swiftness almost uncanny. After the first breathless moment, one of the girls rushed to answer the door and then there waited in to the eagerly listening family the familiar tones of their dignified Aunt Polly. There was one gasp of surprise and then things proceeded to take on a very lively activity.

Father's careful sorting was of no further consequence and again under the sofa went the papers. There was a feverish rush for the table by the girls and the crockery was carried out bodily in the cloth to the pantry where it was hastily disposed of out of sight.

While these feverish preparations were going on, Judy, who had answered the door, was trying to lengthen the time before proceeding kitchenwards. A fleeting idea of showing the visitor into the drawing-room was dispelled by the hastily recalled fact that there was no lamp there. It was unthinkable to leave one's visitor standing in the dark, so the kitchen door was opened and Aunt Polly was ushered into the family circle.

But what a changed group. Mother was installed at the table, busily writing a letter. Father was sitting leisurely reading the evening paper while the rest of the family had draped themselves in attitudes of leisurely enjoyment about the room.

After the usual greetings had been exchanged and the visitor was comfortably seated, mother said.

"My goodness! Now isn't this a coincidence." "Why I was just writing a letter to the family and we were hoping some visitor would arrive."

"Yes," chimed in the eldest daughter, "I had a feeling you were coming."

Just as well Aunt Polly could not visualise the lightning events of the previous moments or possibly she might have modified her opinion so well often reiterated to others—

"Mary's household is always so well organized."  
—Kathleen Bailey, Dom. 3.

◆ ◆ ◆ ◆

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## CIPAL

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our way to Los Angeles, a Hollywood and Beverly Hills Grand Canyon of Arizona, a string of parks along the coast, Buffalo, New York, and London. There are few and interesting but most seen then in the pictures often not so good as you with few discomforts. People he ocean. Trains are crowded and sleep in, and even the cars have got something novel any rate I found it out of book between Auckland and

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September 17, 1933. Mr. 20 second of a trip to the Belgium, Germany and Denmark opportunity to see the engaged in their daily work gets away into the Belgian density of the population more people to the square story. Their farms are very intensely. Their women out as numerous as their n their knees working along

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THE ENGINEERING SECTION OF THE CADETS UNDER LIEUT. E. JAMES

By courtesy of the "Auckland Star."

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Now and again we come and sleepy—even the dogs shade. Horses and cows in Outside one of these villages

## NEWS FROM OUR PRINCIPAL

The Editor of "The Seddonian" is very pleased to pass on to the pupils through the pages of this magazine, news which has been received from our principal, Mr. G. J. Park. Since Mr. Park said farewell to the school and sailed away on the wonderful liner "Empress of Britain," he has seen many countries and had many enjoyable experiences.

"I am sure," he says, "that most readers of the 1933 "Seddonian" would like to go on a world tour. We were privileged to travel on the big ship, the "Empress of Britain" and just as I am sure that the picture of this big white ship was a sight that will be remembered by many of you, so to us on board the sight of thousands of Aucklanders densely crowded together along the waterfront road, and on the headlands was a picture which only a long time will remove.

Mr. Park then went on to describe life on the "Empress of Britain" with its 400 passengers, which included foreign princess and barons with their ladies, English lords and ladies, as well as wealthy English and American people. "These large boats are equipped so that both health and enjoyment are promoted. There was an excellent gymnasium with electric horses to trot or gallop by merely pulling levers, rowing skiffs and the usual gymnasium equipment. There were two swimming baths. There were doctors, masseurs, nurses and a hospital."

### Two Days Spent in Honolulu.

"On the way to San Francisco calls were made at Suva for one day and at Honolulu for two days. Suva is not far from Auckland and so thoroughly different in every way that I recommend you to go there for one of your first holiday trips abroad. On the way to Honolulu, we crossed the line and there was a Mermaid's Hall—the girl's can guess what it was. Honolulu is a very interesting group of islands where Americans and native people meet. The Japanese and Chinese are more numerous than the Hawaiians so that you see coloured people everywhere—in shops, taxis, offices and streets.

"I visited a Shriner's Hospital for crippled children, being shown round by a young Chinese doctor and I spent an afternoon in the one vocational or technical school where there did not appear to be more than four or five white children. Their different departments were in separate buildings some little distance apart in beautiful grounds, but their equipment was not as good as yours in Auckland. To move from building to building seemed to me likely to be inconvenient in wet weather, but I was assured that Honolulu had no rain; it had "liquid sunshine" instead. . . . The surf is not nearly as good as on our west coast beaches but the water is shallow for about half a mile out and so you can get long rides if you can get up on your board a long way out. . . . At Honolulu, a native band and choir singing Hawaiian songs welcomes the ship as she berths. The garlands of flowers you wear as you go ashore and again as you go aboard—the practice of throwing them overboard as the ship goes out so that they will float ashore and you will return, and many another interesting feature of even a short stay in Honolulu will make you feel that at Honolulu things are different and interesting.

### Life in San Francisco.

Mr. Park found San Francisco full of interest with its wonderful new bridges. He likened the hills at the back of this town to the Waitakores. "The harbour," he says, "is huge, stretching for many more miles to their riverhead than ours does, with San Francisco where Devonport is, Oakland where Auckland and Ponsby are, Alameda at Mt. Albert and Berkeley at Remuera. The two huge bridges cross the harbour, one from Devonport to Rangitoto as it were, and the other from Stanley Bay to an island and on to Auckland.

"So we might wend our way to Los Angeles, a city built on a desert with Hollywood and Beverly Hills for suburbs, to the Grand Canyon of Arizona, to Chicago with its marvellous string of parks along Lake Michigan, to Cleveland, Buffalo, New York, Toronto, Montreal, Quebec and London. There are many things which are new and interesting but most of them are as you have seen them in the pictures or read about them and often not so good as you expected. Travel is easy with few discomforts. People do not get seasick on the ocean. Trains are comfortable places to eat and sleep in, and even the desert areas you may cross have got something novel for you to look at. At any rate I found it out of the question to read a book between Auckland and London.

"As we crossed America travel was mainly by night, and it was quite comfortable. The cities we stopped in had wonderful technical schools, far better than yours, but the students were mainly 16—19 years of age. . . . Their schools like their cities had wonderful food shops. One at Cleveland had a dining room that seated 800 at once and in an hour fed 1600 pupils. In several, the headmaster by speaking to the microphone in his office could talk to everyone in the college. One school had a flying field with four 'planes, and no less than 16 workshops, each dealing with one branch of automobile work. I did not hear much of corporal punishment and I don't think it exists. I saw boys and girls in an excellent school at Cleveland, walking in the corridors, arm-in-arm.

In America, Mr. Park found in the schools much to admire, but at the same time much that he would not desire here in New Zealand. While many of the American schools made our College look like a kindergarten, yet ours is a good kindergarten, founded and organised so that it may be easily expanded to compare well with the best.

### Impressions Of Europe.

In a later letter dated September 17, 1938, Mr. Park wrote an interesting account of a trip to the Continent. In his journey, he covered at least 1900 miles on land through Belgium, Germany and Denmark and thus had a good opportunity to see the country and the people engaged in their daily work. "As soon as your train gets away into the Belgian country, you realise the density of the population for Belgium probably has more people to the square mile than any other country. Their farms are very small and cultivated very intensively. Their women are in the fields just about as numerously as their men and you see them on their knees working along the rows of plants.

"Entering Germany one must clear the Customs officers as in all countries, but one must get a certificate for all the money carried in, so that the amount carried out when leaving Germany will not be greater. To encourage tourists, Germany allows the visitor to buy German money at the cheap rate of 20 marks to an English £1 (or 1/ each), whereas if you want to buy marks in Germany you must pay 1/8 each. These travel marks are to be used only to buy beds, meals and for travelling expenses, but not to buy German goods to take out of the country."

In spite of their treatment of the Jews, Mr. Park found the Germans a likeable people with a strong sense of humour; very kindly disposed and helpful to visitors, and at a time of great unrest, showing no hostility to British people. "I am convinced," he says, "that a war with Britain would be most unpopular with the German people and that, if their leaders do decree it they will risk their position as leaders in Germany." Referring to the famous annual Nazi congress at Nuremberg, Mr. Park was of the impression that beneath the surface it was no indication of German morality. He saw a batch of Nazis leaving for the congress lead by a band with their banners and saw the whole street stand still and hold out their right hands in the Nazi salute until the group had passed, but he did not feel that it meant anything much to them.

Mr. Park spent 12 hours in cruising 150 miles up the famous Rhine Rhine, but found that the Rhine beauty did not compare with what we see in New Zealand. While on the river he passed a continuous succession of huge barges, loaded to capacity with industrial material, from which an onlooker could judge the greatness of the industrial establishments which they were serving. As far as the agricultural pursuits of Germany were concerned he had the feeling that the German farming methods needed modernising. In fact, agricultural efficiency seemed to fall far behind New Zealand and the United Kingdom.

"We are often led to believe that the German factories are so efficient that no nation can compete with her. Our experience was that things were not cheap in Germany, even with the cheap tourist money to use. I was in Leipzig for its annual fair, held continuously there for 700 years, and bringing to that city samples of German manufactures from all parts of the country. I spent three or four days visiting the very many buildings where goods were displayed, but came away without any impression of unusualness in Germany's trade—there were unusual things in their glassware, leatherware, woodwork and toys, but nothing much to confirm the theory that as traders, Great Britain cannot compete.

"This story could go on much longer but I will conclude it with something about technical schools. I visited a number in Leipzig and Berlin and usually looked for someone who could talk English. "Nicht Deutsch"—"no German" was about my total German. I found very few teachers who could speak English. The boys and girls often knew a very little as you may know some French. So it was mostly pupils who showed me round, and their difficulties were great. I wanted to know once if in an apprentice school (automatic telephone makers) there was corporal punishment; the words were far too big for them and I could only make my meaning clear by pretending to give one of them the penalty. Both pupils and teachers, however, enjoyed trying to say

things in English. Their schools are good, but don't think that your's is not. I will not be ashamed or even apologetic in future when showing it to overseas visitors. Their courses are, of course, often very different from ours. One girl at Leipzig who showed me round was a student of stage settings, costume design and scene design for which there were courses. The opera is important there, and we were fortunate enough to see "Carmen" in their magnificent new opera house. To see a pirate scene with the day breaking—the darkness turning into light, not in a minute or two, but imperceptibly changing over a period of 15–20 minutes, to see the colour harmony of their dressing and the realism of their stage setting, left one greatly impressed with the fact that not only the music but the whole business is controlled by adequately trained people with the resulting perfection, which makes Germany so notable.

"Space does not permit description of Berlin or of Denmark and its beautiful capital city, Copenhagen, but both stand out as exceptional cities and leave very pleasant memories."

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#### AGRICULTURE CLUB 1938

President: K. Rice, Agri. 3; Vice-Presidents: Mr. Alcock, R. Bethune, Agri. 2; Secretary and Treasurer: J. Binsted, Agri. 3; Committee: J. Greenaway, Agri. 2, L. Gilmore, Agri. 2.

At the beginning of the second term the Agriculture Club was inaugurated and the above officers elected. Meetings have been held weekly, Tuesday morning being the time set aside for them.

The meetings are in charge of the president, while the secretary takes down the minutes. The instructor sits at the back of the room and keeps a careful watch on proceedings, and at the same supplies any extra information that may be required on the subject under discussion.

Committee, usually consisting of about four members, with a convener deal with various subjects of interest to the club. These subjects include facial eczema in sheep, tobacco culture, vitamins, native birds and their feeding habits, hides, tallow and soap, pigs and their management, butterfat yields, the manuring of pastures and bread making.

A timetable is mapped out and one report is given each week. Members may use any book or person for source of information. When the reports have been given they are handed over to the secretary who condenses them and has them typed and if enough can be typed they are distributed to each member. If not, each sub-committee has one given to them.

So far we have had twelve meetings, and some very interesting information has been given; two worthy of special mention being the report on facial eczema and the lecture on pigs and their management. Mr. G. V. Will, of the Education Department, gave us a very interesting talk on club work in various parts of New Zealand and overseas.

Some of our members have visited factories in and around Auckland and have conveyed their experiences in the form of a lecture. We have high hopes in the future of being able to visit some more of the farms and freeing works in Auckland and of perhaps, arranging for a trip to the farming districts in the Auckland Province.

At present the club is preparing a bulletin on all the work carried out so far. This will be distributed among the members at a small cost. The Club also holds shows during the year. A very successful flower and bird show was held in April. In November a sweet pea show is held, this generally yielding a fair profit which helps to finance the Club.

Sweet pea seeds, vegetable seeds and manures are among the commodities handled by the Club. They are bought in large quantities, repackaged and sold at cheap rates.

The Club also intends in the future to finance Club members so that they will be able to purchase whatever articles they require for developing their own private interests, such as poultry keeping, bee-keeping, etc. The money can then be paid back when they have made a profit.

Altogether the Agriculture Club has had a very successful year, and with a very good bank balance is looking forward to a bright and prosperous new year.

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#### IOLANTHE

This year, for the second time in the history of the College, the well-known Gilbert and Sullivan opera "Iolanthe" was presented as the annual entertainment. Preparations were commenced by the producer, Mr. J. M. Scobie, at an early date with the result that a season of four excellent performances was given in the College Assembly Hall from August 11th to 15th.

The pupils of the College made a first-class effort with the ticket-selling, the gross takings amounting to £257 and net profits to £142. Once again Accountancy 2.A. headed the list of form sales with a total of £23 5/8 which gave them an excellent average of 11/4 a head. Other classes which put up good performances were Typography 2 (av. 7/5), Commercial 2.C. (av. 6/6), Accountancy 2.B. (av. 6/2), and Domestic 3 (av. 4/2).

From the concert proceeds the amount of £65 was voted by the Concert Committee as a donation to the Crippled Children's Society. This has been supplemented by the pupils themselves so that once again the Seddon Memorial Technical College's annual affair the Seddon Memorial Children's Society will run into effort for the Crippled Children's Society will run into three figures. This effort will be gratifying to our Principal, Mr. G. J. Park, when the news reaches him overseas.

Following is the cast of "Iolanthe":—  
The Lord Chancellor ..... Bruce Gascoigne  
Earl of Mountararat ..... Bruce I. Fulton  
Earl Tollerat ..... Richard Stevenson  
Private Willis (Grenadier Guards) . . . William Gemmill  
Stephon (An Arcadian Shepherd) . . . Harry Dallimore  
Queen of the Fairies ..... Mavis Hancock  
Iolanthe (A Fairy—Stephon's Mother) . . . Janet Frater  
Celia (A Fairy) ..... Joan Massieks  
Leila (A Fairy) ..... Joy Saunders  
Fieta (A Fairy) ..... Ellen Whisker  
Phyllis (An Arcadian Shepherdess and  
Ward in Chancery) ..... Margaret Gow

#### SMILES FROM OTHER SCHOOLS

"I guess I've lost another pupil," said the professor as his glass eye rolled down the kitchen sink.  
—The Record.

"Is that a genuine bloodhound?"  
"Sure—Oscar, come over here and bleed for the man!"  
—Trade Winds.

Passenger: Conductor, we are like sardines here. Can't you prevent our being crushed.  
Conductor: Certainly sir. Number of the passengers, and then make the even numbers breathe in while the odd numbers breathe out.  
—Red and Grey.

"Which leather makes the best shoes?"  
"I don't know, but banana skins make the best slippers."  
—Red and Grey.

Teacher: So you are the boy who wrote on the board, Teacher is a fool?

Pupil: Yes, sir.  
Teacher: Well, at least I am glad you told the truth.  
—Pearson's Weekly.

"Jones always strikes me as an indolent sort of chap."

"Indolent? Why that fellow is so busy he always runs his automobile over a bump to knock the ashes off his cigar."  
—Kablegram.

Comp. Teacher: "You have made your hero too hot-headed, I'm afraid."  
"Sharp: "How do you mean?"  
C.T.: "He has a lantern jaw, to begin with. . . . and, his whole face lit up. . . his cheeks flamed. . . he gave a burning glance. . . and then blazing with wrath and boiling with anger, he administered a scorching rebuke."  
—Lux Glehana.

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#### AN OLD BOY IN PAPUA.

From Frank Derrick, Typo. 2, the Editor has been interested to hear at regular intervals of the adventurous life of an ex-pupil, J. G. Tait, who is employed as a surveyor by the Shell Oil Company (N.Z.) Ltd. in Papua.

After landing at Port Moresby Mr. Tait left by the Company's boat for his future headquarters at the mouth of the Fly River. From here he began his work of topographical survey of the Shell Oil Company's concession, making the first accurate traverse of the famous Fly River. In one letter he tells of a thrilling experience while marching through the bush. "We were pushing through the bush," he says, "when suddenly we were checked by our native policemen, who went ahead to a clump of bamboos and discovered three head-hunters lying in wait for one of us. We confiscated their bows and arrows, the arrows being poisoned ones. It is interesting to know that the Papuan poisons his arrow by leaving it in the putrefying body of his enemy for a certain period, which causes a deadly poison on the arrow tips."

We wish J. G. Tait the best of luck in his work and when he returns to Auckland, perhaps we may be able to persuade him to tell us some of his adventures in Papua, the land of head-hunters and strange rites.

## EXCHANGES

The Editor acknowledges with thanks the following exchanges from New Zealand and overseas. We are always glad to receive magazines from other schools.

**Year Book, Commissioners' High School, Quebec, Canada**—Another sumptuous production beautifully printed on excellent paper. The black and white headings for the various sections are first-class. We would suggest a two-column page as an improvement.

**Chronicle, Auckland Grammar School, Auckland, New Zealand**—The usual full account of all sports activities with an excellent literary section.

**The Vantech, Vancouver Technical School, Vancouver, B.C., Canada**—There is no exchange magazine more welcome than The Vantech. Your cookery section looks a capable lot of lads. We congratulate you on your excellent cover design.

**Red and Grey, Canadian Academy, Kobe, Japan**—We congratulate you on an excellent production. Your magazine has a flavour all its own. The "Pictorial Review" is an outstanding feature.

**Manuka, Auckland Training College, Auckland, New Zealand**—The many Old "A's" on our staff welcome "Manuka." It is pleasing indeed, to see that the Waghorne Vase has at last found its way to Auckland.

**Sacred Heart College, Marist Brothers, Auckland, New Zealand**—One of the finest magazines it has been our pleasure to receive. The profuse illustrations are an excellent feature while the cover design is very fine in its simplicity.

**Trade Winds, Worcester Boys' Trade School, U.S.A.**—Another addition to our exchange list. Your cover for Christmas, 1937, is outstanding. The various numbers have arrived regularly and have been read with interest.

**The Log, Hobart High School, Tasmania, Australia**—You must have a live past students organisation to show assets amounting to nearly £1000.

**Criovara Na Iona, Iona College, Havelock North, New Zealand**—A very laudable effort.

**Chronicle, Diocesan High School for Girls, Auckland, New Zealand**—A good magazine from a girls' school. We suggest that a two column page would be an improvement.

**The Index, Wanganui Technical College, New Zealand**—The detachable enrolment form for the Old Boys' and Old Girls' Associations is an excellent idea. We would like to see large photographs of your teams with the names of the team printed below.

**Cornwall Park School, Auckland, New Zealand**—We congratulate you on your neat little magazine and are glad to hear that you are being so well supported by ex-pupils.

**Westonian, Christchurch West High School, New Zealand**—This is the first time we have had the pleasure of receiving the Westonian. Congratulations on a good all-round magazine.

**Magazine, Dunedin Technical High School, New Zealand**—A very fine production issued in quarto size, this magazine is profusely illustrated.

**Takapuna Grammar School, Auckland, New Zealand**—Presents a good all-round record of the year 1937.

**Lux Glebana, Glebe Collegiate Institute, Ottawa, Canada**—Possibly the best magazine which we receive from overseas. Beautifully printed and illustrated this year-book is a credit to the College.

**Kelvin Year Book, Kelvin High School, Winnipeg, Manitoba, Canada**—An excellent production with an outstanding cover. We enjoyed reading the room-notes, particularly Room 33.

**The Tech Flash, Nova Scotia Technical College, Halifax, N.S., Canada**—A magazine published five times yearly. The humorous section caused a laugh or two—particularly "The King's English."

**The Record, North High School, Worcester, Mass., U.S.A.**—We admired your neat cover—would like to see some more of your monthly publication.

**Te Korero, Epsom Girls' Grammar School, Auckland, New Zealand**—The usual full record of the year's doings.

**The Mawhera Gazette, Greymouth Technical High School, New Zealand**—An interesting magazine. You must be one of the very few secondary schools in New Zealand who include throwing the javelin in your athletic sports.

**Kotuku, Otahuhu Technical High School, Auckland, New Zealand**—An excellent magazine from a neighbouring technical high school.

**The Albertian, Mt. Albert Grammar School, Auckland, New Zealand**—We are privileged to join with you in saying farewell to Mr. A. D. Trendall who spent many years in both the day and the evening school classes of this college.

**The Heretaungan, Hastings High School, New Zealand**—We now have a link with you in the person of Mr. B. I. Fulton who has asked the Editor of the "Seddonian" to exchange magazines with you.

**Fideliter, Whangarei High School, New Zealand**—Another good all-round magazine.

**The Technical College Review, Christchurch, New Zealand**—The July, 1938 issue is well up to the previous standard. Magazines from brother (or should we say sister) technical schools are very welcome.



### CITY AND GUILDS EXAM. RESULTS.

**Preliminary D.C.**—D. Archibald, R. R. Barry, F. L. Barton, K. L. Bevesford, G. F. Breckon, P. G. Brookes, G. S. Byrl, W. A. Campbell, R. G. Collins, G. G. Eade, D. P. Fletcher, J. P. Furness, R. C. Gazer, N. V. Gillanders, C. G. Gillard, J. A. Glassey, P. W. Goldbra, E. C. Haddield, O. L. Hardy, R. T. Hartley, R. N. Knight, F. H. Lane, J. M. Langdon, S. W. Leighton, M. Livingstone, W. D. Lomas, G. W. A. Masson, D. G. Mearns, R. R. Mercer, A. W. Milligan, K. J. Moulder, T. F. Mundell, S. W. Reeve, R. R. Reid, I. Reynolds-Gilbert, C. W. Saxon, L. F. Smythe, H. C. Stead, L. R. Taylor, R. Trendall, W. H. Wasey, L. C. Woodhead.

**Preliminary A.C.**—N. A. Adams, C. S. Baker, W. H. Blaymires, E. L. Bowerman, R. N. Knight, R. R. Mercer, F. E. Moore, E. V. Rose, B. T. Silcock, L. F. Smythe, O. Spalding.

**Intermediate D.C.**—W. H. Blaymires, B. Duncan, W. E. Girven, E. V. Rose, D. H. Rowe, J. T. Steele, T. L. Willan, F. R. Williams.

**Intermediate A.C.**—C. H. Chatteris, F. D. Ching, B. Duncan, D. L. Rhodes, H. H. Tatton.

**Final:** L. Bland, Part I, J. W. Graham, Part II (second class pass.)



"IOLANTHE" PRINCIPALS

—Photograph by John Parr.



THE SCHOOL ORCHESTRA

—Photograph by Alan Blakey.



STUDENT SOCIETY



STUDENT SOCIETY



"IOLANTHE" PRINCIPALS

—Photograph by John Parr.



THE SCHOOL ORCHESTRA

—Photograph by Alan Blakey.

# HOUSE NOTES

## BINNS HOUSE - GIRLS

Senior House Mistress: Miss Lamason.  
Junior House Mistress: Miss Wright.  
House Captain: Winnie Phillips.  
Committee: Catherine Buchanan, Joan Malone, Jean Saunders, Dawn Spiers.

Although during the year the girls of Binns House have aimed to uphold the records set by girls in preceding years, we have not been fortunate enough to win the Basketball Shield. The season was somewhat broken with unsuitable weather and many of our better players left school to take up positions, consequently, after the final day of basketball we found ourselves in the third position instead of the coveted first. In spite of this we enjoyed every minute of the basketball play.

We are certainly not ashamed of our display at the athletic sports. The excitement was great. After leading in points for most of the day we were beaten in the last event, losing our objective by one point. The number of points gained was due partly to the individual performances of Rona Cutler and Dawn Spiers, senior champion and runner-up respectively. Evelyn Eagle was also well to the fore, being runner-up to the junior champion.

The senior swimming champion, Valda Simmonds, also belongs to our House.

We anticipate success in the Jiu-Jitsu championships, and the tennis finals, where we are represented by Catherine Buchanan, Rona Cutler, Barbara Gow, Catherine Buchanan, Dawn Spiers and Mignon Young represented us in the School basketball teams.

In conclusion the House wishes to take this opportunity of thanking the House mistresses for their interest during the year.

## BINNS HOUSE - BOYS

House Masters: Mr. C. L. Maloy, Mr. Halstead.  
House Captain: L. Taylor.

This year Binns House have met the sports world with great keenness and a true spirit. To date we have come out on top with the greatest number of points to our credit. In summer sports we hold a good position, having three representatives in the first eleven. In athletics, L. Taylor was runner-up in the senior athletic championship, while in the swimming sports R. Cranch won the senior championship for us. We are also hoping to see Kay win the senior tennis championship. In winter sports we excel, having the greatest number of points for Rugby. In the first fifteen we have three representatives, including the vice-captain, L. Taylor. Other Saturday Rugby teams are seen with Binns House well represented. Also to our credit, in the House are four of the school prefects.

With the great enthusiasm in the House we hope to hold our second term position at the conclusion of the year.

November 1938

## HINDLEY HOUSE - GIRLS

Senior House Mistress: Miss Vickery.  
Junior House Mistress: Miss Guy.  
House Captain: Olga McMillan.  
House Prefects: Avis Badley, June Shepherd, Sybil Robertson, Vivienne Orr, Betty Campbell.

This year Hindley has so far more than held its own in all the fields of sport.

We are proud to relate that the House was able to win the swimming tournament, not by any individual triumphs, but by consistent effort on the part of the House.

The athletic sports which were held this year at Blandford Park showed to its fullest extent how prominent is the spirit of Hindley House. Most of the events had been decided, the House events were nearing completion, but one remained to be contested, the senior overhead basketball. It had been announced that Binns were leading by one point. Excitement was at fever pitch. If Hindley could but win this event! Spectators and competitors alike felt the tenseness in the air. The team was agitated—hoping, hoping—the overhead had commenced. Almost immediately a calmness seemed to envelope the team. So determined were we to win that not one false move was made.

"Hindley wins!" With this cry the onlookers relaxed, the air became less tense; Hindley House had won the athletic sports.

Mention should be made here of the very promising display given by our juniors, Ena Gearing carrying off the junior championship.

During the basketball season Hindley gained high honours in the winning the Basketball Cup. Perhaps this is due, not only to the fervour with which each girl played, but to the fact that we have, besides the captain of the A school team, nine other representatives. Hindley House was well represented at the Auckland Basketball Association games which were held on Saturday afternoon, and we are proud to say that three of the Hindley girls were chosen to play in the Senior B representative team which visited Pukekohe. Fay Hunter, another member of the House was fortunate to secure her referee badge for basketball.

As the tennis championships are held during the third term we are unable to state our tennis achievements, but we hope to maintain as high a standard as has been set in other sports.

The baseball games have just commenced, so again it is impossible to give our position. However, we feel sure that if the House spirit is upheld, Hindley House will indeed complete its record.

Hindley House wishes to avail itself of this opportunity of thanking its House mistresses for the encouragement they have given and the time which they have spent, to ensure success. We do sincerely appreciate the keen interest and enthusiasm which these mistresses have displayed.

To those members of the House who are leaving this year we wish the best of luck and to those who remain we entrust the charge of upholding the reputation of Hindley House, both on the playing field and in the class-room.

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## HINDLEY HOUSE - BOYS

House Master: Mr. H. Stewart.  
Assistant House Master: Mr. J. A. Dallimore.  
House Captain: K. A. Catterall.

At the beginning of the year, Mr. G. W. C. Drake was compelled, through his vocational duties, to give up his leadership of Hindley House. During the years he held the position, Mr. Drake has done much in fostering that competitive spirit so necessary to boys of all ages. He has encouraged members of the House in their cricket, their football, their tabloid sports, and of course, in their cross-country run and it is with regret that we of Hindley House say adieu to Mr. Drake as we feel that it is largely due to the notes of his golden voice offering advice to our teams, that many of those miraculous wins have been accomplished. The position of House Master has been able taken over by Mr. H. Stewart who has carried on the good work.

Hindley has, this year, maintained her high position in the school sporting world. Though we have suffered from a lack of senior competitors in all fields, the showing we made was better than expected. A fall off in the standard of performance is apparent in all Houses and Hindley has suffered badly in cricket and football talent. As usual, however, we did well in the athletic sports and in the tabloid sports.

At the athletics, our few senior competitors had little success and we had to be content with two second places and one third. We thank them for their effort. With the Intermediates and Juniors the House rapidly gained points. Lambert gives promise of great things in the future and we are proud of him. He lifted our hopes and several records. Catterall's showing in the 160 yards and 220 yards dashes set our eyes on the first position among the Houses. Payne stands out above the juniors with the championship and five events. He carried Hindley points at his feet to finishing victory. Next year we expect much of this fine performer. At the swimming sports Hindley plunged into third position with 60 points. Lomas, Harnish and Piggott were our outstanding competitors. During the cricket season we met with little success although we were by no means last in this code. The weight of opposing Houses prevented our winning very many of the football games held this season. However we do our best and are thankful for the wonderful games we have had, and we hope, will have in the future.

Seddon House again was well represented in the College senior Saturday teams:—

First Eleven:—Piggott, Moyal, Catterall, White and Cashmore.

First Fifteen:—White, Catterall.

Athletics:—Lambert, Payne and Catterall.

Tennis:—Nunnerley.

## SEDDON HOUSE - GIRLS

Senior House Mistress: Miss Boynton.  
Junior House Mistress: Miss McCormack.  
House Captain: Janet Prater.  
Vice-Captain: Esma Port.  
Committee: Jean Isbister, June Clark, Bele Pilkington, Betty Sage, Maud Johnson, Irene Newbold, Gwen Allen, Nancy Hammericke.

News from Seddon House:  
Well—Beryl James, a member of our House saved our reputation! Her excellent performance at the swimming sports gained us the honour of having the junior swimming champion in our House and we offer our hearty congratulations to Beryl.

In the athletic sports we did not distinguish ourselves in the individual events, nevertheless our team work was most satisfactory. Our junior overhead team was very comfortable, and our junior circular ball team came a very close second.

It was suggested at the beginning of the year that we should have our House designated by its members donning a distinguishing badge in the form of a pennant flag made in our House colours—gold—the name of the House neatly lettered in gold on a black background. We were all very enthusiastic, and it was not long before over a hundred flags were flying proudly proclaiming our House. Very soon our sister Houses followed suit (as is so often the case, ahem!) and we feel it was a good lead.

For some years past we have come to the front in the Jiu Jitsu, having carried off, or rather by superior balancing and rapidity of thought and action, won for our House the championship in this art.

In the social sphere we can say that our yearly luncheon meeting is outstanding and the ability of our members to eat strawberries is really surprising! We carry out this custom as a tradition (not hard to do) and we can faithfully say we taste to the "true" pleasure of this feast.

We should like to take this opportunity of thanking our two House mistresses for the way in which they have worked and the enthusiasm they have shown right throughout the year.

## SEDDON HOUSE - BOYS

House Master: Mr. Brooks.  
Assistant House Master: Mr. Ohlson.  
House Captain: D. W. Laurie.

Last year we won the House shield by a considerable margin. This year, although there is more strenuous competition for every point, we are holding our own with the other houses.

In the swimming sports we missed the talent of previous years, both in the seniors and juniors.

At the athletic sports, we made up for our defeat in the swimming by winning the house competition. Gillanders put up an outstanding performance in winning the senior championship with 25 points. Laurie also gained a great number of points. In the field and handicap events, the principal scorers for Seddon were Perry, Stimpson and Maskell, along with Furness and Buchan, who brought home the cycling championships. Fargher, another point scorer, won the high jump Junior championship.

Seddon House again was well represented in the College senior Saturday teams:—First Fifteen:—Perry, Brindsen, Gillanders, Delgrosso, Cummins, Woodhead, Smythe and Laurie (captain). First eleven:—Perry and Maskell.

Gillanders recent success in winning the heavy-weight boxing championship has made this Seddon's fourth year to capture this event.

## WELLESLEY HOUSE - GIRLS

Senior House Mistress: Miss Stubbs.  
Junior House Mistress: Miss M. G. Anderson.  
House Captain: Iona Collins.

The girls of Wellesley House were glad to welcome back this year two of our mistresses, Miss Stubbs and Miss Anderson, who were away from New Zealand last year.

Although we have not been very successful in the annual swimming and athletic sports held at Shelly Beach baths and Blandford Park we hope that in the years that are to come the members of Wellesley House will advance and win the name of our House to a higher plane in these directions.

In basketball, however, we have been more energetic and have succeeded in running second for the basketball shield. Several of our number are members of the school teams. The combined spirit of the boys and girls of the different school teams have been to do their best for their school and house. This spirit has been urged on by our House mistresses, and we are all grateful to them for the way they have always done their best for us.

As the months have passed many of the senior girls of Wellesley House, including our house captain, Evelyn Godfrey, have left our ranks. Next year, however, many new girls will join and in them we may hope for success both on the sports field and in the classrooms.

One of our senior girls who was successful in passing the Public Service Commissioner's Examination last year is sitting for the University Entrance Examination this year, and Wellesley House whole-heartedly wish her the best of luck and success.

## WELLESLEY HOUSE - BOYS

House Master: Mr. A. G. Adams.  
Assistant House Master: Mr. W. M. Brown.  
House Captain: A. D. Pike.

This year the first championships to be held were the swimming in which two of our boys, Schiacka and Ewen were runner-up in the senior championship and bracketed winner of the Junior championship respectively. Needless to say we led in house points.

The athletic sports did not come up to expectations as we were third, behind Seddon and Hindley. The competition was close, however, only 32 points separating the four houses. Our best competitor was Stead who was third in the senior championship.

On Tuesday afternoons our House did fairly well considering the large number of our boys who played for school teams. Only one full house match was played this year, our first football team being defeated by Seddon.

House members who have represented the school this year include:—

First Fifteen: Sivewright, Morrison, Haydon, Arblaster, Pike, Savage, McPherson and Stead.  
First Eleven: Pike, Stead, Trowek and Fergusson.  
First Soccer Eleven: Mortimer.  
Inter-Secondary School Athletics: Sivewright and Ballard.

In conclusion we would like to congratulate the winner of the House championship, whoever it may be, and say "May the best house win."

## THE COLLEGE FARM

The College Farm is in its fifth year. In 1933 a small area in Benson Road, Remuera, was acquired to provide practical instruction in Agriculture.

The Staff of the Farm consists of a Farm Supervisor (Mr. H. P. Leves), Mr. A. C. Pye, N.D.H., in charge of Horticulture, a resident overseer (Mr. T. Corin) and one cadet in the horticulture section and two cadets for poultry work. The cadetship in horticulture carries with it training at the College and Farm for the National Diploma in Horticulture (N.D.H.).

The farm supplies the cafeteria with eggs, milk, cream, vegetables and fruit. Horticultural classes receive instruction in producing these. The poultry section has increased to approximately 2000 birds. Pullet, breeding pens and cockerels have been sent to many parts of the North Island. During the year prizes were gained at the Auckland Show: The N.Z.

Red Ribbon for the best utility Rhode Island Pullet, 13 firsts, two specials, two seconds, one third and for table poultry six firsts, six seconds and the Nola Cup; at Whangarei three firsts and two seconds.

Classhouses have been erected and instruction in horticulture now includes a varied treatment of nursery work.

The work of the farm is correlated with the work at the College. The principles of plant growth, soil management, disease control and animal husbandry are covered and provide a background of useful knowledge for a boy no matter what occupation he may take up. To general subjects such as English and Arithmetic is added Book-keeping, Woodwork and Farm Mechanics making an Agriculture course that provides a sound general training for the pupil.

## FORM PRIZE LIST 1938

Commercial 1.A.—Mary Baker 1; Eunice Thompson 2.  
Commercial 1.B.—Lilly Johnson 1; Dorothy Elwood 2.  
Commercial 1.C.—Elizabeth McNeice 1; June Jones 2.  
Commercial 1.D.—Gladys Peate 1; June Einton 2.  
Commercial 2.A.—Marguerite Powrie 1; Rucy Coles 2.  
Commercial 2.B.—Merle Dale-Taylor 1; Francis Ecclefield 2.  
Commercial 2.C.—Eden Stanners 1; Doreen Amott 2.  
Commercial 2.—Mary Capper 1.  
Arts and Crafts 1.—Doreen Brown 1; Constance Ratcliffe 2.  
Arts and Crafts 2.—Joyce Tainah 1.  
Domestic 1.A.—Nancy Hammericke 1; Norma Jeffries 2.  
Domestic 1.B.—Erica Popo 1; Margaret Ogilvie 2.  
Domestic 1.C.—Esther Waddell 1; Dawn Spiers 2.  
Domestic 1.D.—Margaret Smith 1; Audrey Guest 2.  
Domestic 2.A. and 2.—Kathleen Bailey 1.  
Domestic 2.B.—J. Eskington 1.  
Accountancy 1.A.—Esme Stephens 1; Mary Rowe 2.  
Accountancy 1.B.—Ivan Sumich 1; Ian McBride 2.  
Accountancy 2.A.—Ian Stevenson 1; Athol Thomas 2.  
Accountancy 2.B.—George Blacker.  
Accountancy 2.A.—Jean Isbister 1; Nancy Melbourne 2.  
Accountancy 3.B.—Norma Nielsen 1.  
Engineering 1.A.—Roy Dillon 1; Cecil Collocutt 2.  
Engineering 1.B.—Alexander Horton 1; Robert Foster 2.  
Engineering 1.C.—John Mawdsley 1; Duncan Macfarquhar 2.  
Engineering 1.D.—Clifford Rogerson 1; Derrick Smythe 2.  
Engineering 1.E.—Desmond Young 1; Maurice White 2.  
Engineering 1.F.—George Tindle 1; John Burrows 2.  
Engineering 2.A.—Phillip Brooks 1; Frank Barton 2.  
Engineering 2.B.—Charles Gillard 1; Frederick Lane 2.  
Engineering 2.C.—Selwyn Reeve 1; Bruce Norton 2.  
Engineering 2.D.—Walter Wasey 1; Kenneth Moulder 2.  
Engineering 3.A.—Basel Silecock 1; Wallace Given 2.  
Engineering 3.B.—Thomas Willan 1.  
Typography 1.—Mervyn Clifton 1; Arthur Brooke 2.  
Typography 2.—Kenneth Hesley 1.  
Woodwork 1.A.—Gordon Hughes 1; Maurice Schubert 2.  
Woodwork 1.B.—Trevor Cured 1; William Willan 2.  
Woodwork 2.—Charles Beck 1.  
Agriculture 1.—William Moore 1.  
Agriculture 2.—Kenneth Rico 1.

## LIST OF PREFECTS

(1912-1936.)

Following is a list compiled from the school files of Prefects, Councillors and Sub-Prefects appointed since 1912. Some of the files are not complete and others may not be absolutely correct. We would be glad of any information which would enable us to complete these records. The Editor of the "Seddonian" will be pleased to receive and hand on to the proper quarter any such information.

### GIRLS.

- 1912—M. Gallagher, E. Comrie, F. Madden, H. Mangham, D. Skinner.  
 1913—No record.  
 1914—D. Rayner, J. Rickit, F. Tibbutt, K. Ball, F. Salmon.  
 1915—P. Salmon, G. Knight, N. Wrigley, A. Birch, A. Embling.  
 1916—N. Wrigley, M. Morton, A. Embling, H. Davidge, F. Clay.  
 1917—P. Clay, H. Davidge, N. Wrigley, N. Stewart, D. Wilson.  
 1918—N. Wrigley, M. Macklow, I. Taylor, T. Daruch, J. Diekey.  
 1919—A. Shackell, E. Wedding, E. Graham, E. Darroch, I. Muston.  
 1920—D. Morphy, I. McArthur, M. Jeffries, P. Creamer, E. Healey.  
 1921—D. Morphy, E. Healey, M. Brown, H. Moon, D. Kerwin.  
 1922—Prefects: R. Diddams, C. J. Vickery, J. Donald, E. Coldicutt, H. Roberts, R. Morgan. Council: E. Vasey, W. McKenzie, G. Davey, M. Trevarthen, M. Johnson, G. Halkett, M. Trigg, E. Wayne.  
 1923—Prefects: L. Vickery, J. Donald, H. Roberts, G. Halkett. Councillors: K. Morris, D. Rattenbury, M. Fleming, W. McKenzie, D. Blunden, M. Trevarthen, G. Stonex, M. Cochrane.  
 1924—Prefects: G. Stonex, A. Johnston, M. Trevarthen, M. Joel, G. Davey. Councillors: B. Brown, H. Warentime, J. Irwin, I. Simmons, T. Jensen, I. Murray, E. Ferguson, E. Soljak.  
 1925—Prefects: A. Johnson, R. Ryan, T. Jensen, D. Brighton, M. Symons, J. Irwin. Councillors: O. Brasser, F. Sawsworth, M. Knox, C. Newton, E. Rose, V. Baker, E. Ferguson, U. Albrighton.  
 1926—Prefects: List missing. Councillors: A. Paterson, H. Jackson, U. Gardner, J. Waldron, L. Edwards, R. Sparkes, E. Thomson, J. Graham.  
 1927—Lists of Prefects and Councillors missing.  
 1928—M. Jones, G. McCauley, M. Watters, B. Inghall, P. Gee, E. Laine, A. Steele.  
 1929—Prefects and Councillors—J. Guy, E. Collins, N. Slaney, D. Bussell, J. Clough, A. Bain, A. Cullen, E. Amos, J. Carron, K. Gilmore, A. Bain, J. Galbraith, E. Freeman, T. Clough.  
 1930—Prefects: M. Slaney, E. Amos, J. Clough, J. Galloway, N. Slaney. Councillors: H. Carron, A. Darby, E. Freeman, N. Gilbon, G. Johnson, J. Laking, E. Perrin, P. Risby.  
 1931—Prefects: N. Waters, N. Hodson, E. Amos, N. Slaney, M. Waters, J. Clough, J. Laking. Councillors: J. Cullen, G. Docherty, E. Perrin, G. Gosling, P. Corbin, H. Carron.  
 1932—Prefects: M. Waters, S. Blumhardt, J. Cullen, J. Laking, E. Perrin, J. Stanley, M. Stone. Councillors: E. Calder, G. Docherty, L. Mills, C. Oppen, J. Pattington, B. Prince, F. Shilling.  
 1933—J. Stanley, Z. Brees, O. French, L. Mills, R. Norrie, J. Ramsay, M. Sutherland. Councillors: A. Bovaird, U. Goldsmith, A. Paul, E. Perrin, O. Watts.

1934—Prefects: R. Tilby, B. Brooke, D. Brown, O. Cooper, B. Judge, R. Norrie, A. Pallister. Councillors: E. Amos, M. Arroll, C. Clayton, M. Lendrum, D. Mansfield, K. Minola, J. Nicholson, C. Willoughby, F. Woodward.

1935—Prefects: R. Tilby, E. Amos, C. Cantlay, D. Mansfield, P. Woodward, E. Moss. Councillors: K. Doyle, M. Gow, C. Jones, C. LeLong, N. Melbourne, N. Noall, B. Stratton, D. Tainsh.

1936—Prefects: D. Mansfield, E. Moss, N. Melbourne, V. Lockwood, C. LeLong, C. Jones, M. Gow. Sub-Prefects: M. Voice, H. Nicholson, J. Mason, G. MacPherson, F. Hosking, L. Evans, E. Black, G. Bishop.

### BOYS.

1912-1921 Lists missing.

1921—Prefects: P. P. Freaun, W. R. Daysh, G. P. Purchas, H. L. Backett, A. E. Bockett.

1922—Prefects: D. Trevarthen, A. Mayhill, S. Williamson, J. McComish, R. Witten, C. McArthur. Councillors: V. Kelly, J. Whittaker, R. Fanthem, H. Massam, T. Studd, E. Wills, F. Solomon, E. Turner.

1923—Prefects: A. Mayhill, T. Studd, J. McComish, E. Wills. Councillors: I. Ward, S. Hlop, V. Kelly, H. Clark, F. Solomon, J. Matusehka, R. Sharp, O. Jensen.

1924—Prefects: O. Jensen, S. Hlop, I. Ward, M. Hall. Councillors: Culpitt, Mace, Morgan, Doull, Johnston, Young, Stevenson, Riddella.

1925—Prefects: Murray, Craig, Skinner, Hull, Doull, Buckley. Councillors: Spooner, Young, Roper, Rudd, Schlup, Patton, Moore, Bainbridge.

1926—Prefects: List missing. Councillors: R. Davidson, A. Gordon, Cooper, D. King, C. Palmer, P. Roper, F. Musckett, K. Buckley.

1927—Prefects: Vickerman, Carr, Whitehead, A. Blow, G. Johnstone, G. Ash, Burns, Selman, R. Johnstone, Bankeer, Crawford, Forrest, Thompson.

1928—Councillors: Forrest, Whitfield, Graham, A. Johnston, Wallace, Ashwin.

1929—Council: Thompson, A. Johnston, Whitwell, Ross, Amos, McRobie, Graham, Burgess, Barr, Dallimore, Sampson, Sloane, Speed, Graham.

1930—Prefects: D. McRobie, J. Dallimore, W. Jackson, L. Guillard, G. Sloane, G. Sampson, F. Whitechurch. Councillors: H. Blomfield, S. Cowperthwaite, H. Dallimore, A. Flyger, E. Flyger, L. Harvey, R. Naele, J. Pollitt.

1931—Prefects: J. Dallimore, E. Flyger, S. Cowperthwaite, H. Dallimore, A. Flyger, Pollitt. Councillors: Stevenson, E. McCook, Skyrme, Early, Farquhar, De Suza.

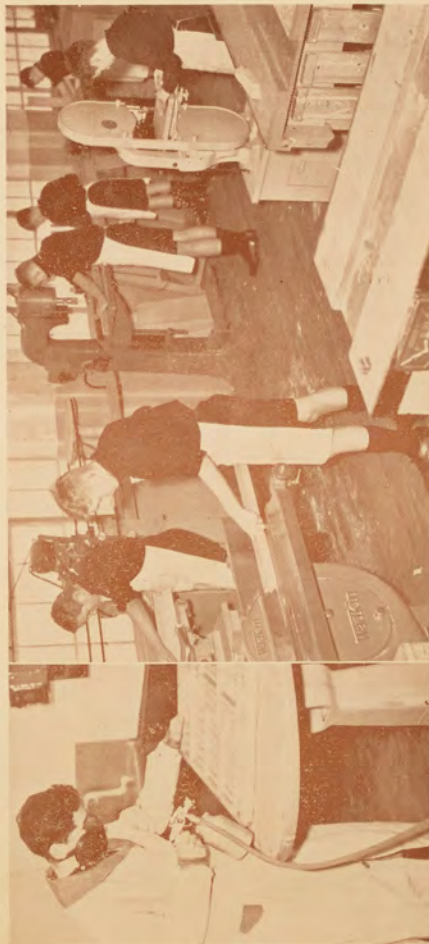
1932—Prefects: S. Cowperthwaite, E. De Suza, A. Flyger, E. Flyger, E. McCook, J. Pollitt, H. Stevenson. Councillors: R. Beeston, R. Brown, L. George, J. Meiklejohn, D. Mitchell.

1933—Prefects: A. Flyger, R. Brown, A. Carlaw, L. George, A. Meiklejohn, J. Meiklejohn, D. Mitchell, M. Wakefield. Councillors: E. Anderson, R. Dowling, K. McMillan, N. Sims, A. Wilsheer.

1934—Prefects: M. Wakefield, J. Burgoyne, M. Lund, P. O'Dowd, R. Stevenson, C. Thorpe, R. Turnbull, E. Wallace. Councillors: J. Arkman, L. Broberg, S. Duncan, J. MacAndrew, A. Thompson, C. Tibbitts, T. Woodward.

1935—Prefects: M. Lund, I. Jensen, J. McLean, R. W. Stevenson, A. Thompson, C. Thorpe, A. Tweedie, S. McL. Wallace. Councillors: H. Emus, L. Rowe, A. Whaley, T. Woodward.

1936—Prefects: A. N. Thompson, C. Covey, A. Finley, A. Gribble, R. Hall, F. Rosenfeld, R. Taylor, A. Tweedie, B. McL. Wallace, A. Wiles, N. Whaley. Sub-Prefects: W. Binsted, D. Coulter, L. Manning, L. Pratt, A. Wilson.



ACTIVITIES AT THE WOODWORK DEPARTMENT

By courtesy of the "N.Z. Herald"

## Technical High School Courses

The "Seddonian" is very widely read, this issue going to more than 1500 homes. Among our readers are past and future students and it has been thought, therefore, that some outline of the nature and objects of the courses of instruction now given at the College, will be of interest.

The Technical High School this year enrolled over 1500 pupils who have completed their primary school education. It is staffed by a full-time staff of 54 highly qualified specialist teachers and controlled by a Principal and four heads of Departments. Included in the staff are a male and a female physical culture specialist, each devoting full time to health work in which they are assisted by Dr. K. H. Holdgate, an Auckland practitioner and Mr. W. A. Taaffe, a leading optician. The staff experts carry on a continuous search for physical defects. In addition to regular physical development classes. Gymnasium work has reached a high standard, and, in addition, the health of the pupils is assisted by a system of organised games—football, cricket, tennis, basketball or swimming, on Tuesday afternoons. The School is divided into four Houses (Binns, Hindley, Seddon and Wellesley), and continuous competition through the year enlists a spirit of healthy rivalry in these games. Further, there is a large number of teams engaged under staff supervision in Saturday inter-school games.

Competing with physical work in importance, is the development of character. Pupils are received from the primary school at a most important age. New Zealand is in this respect out of line with most other countries, it being generally agreed that the transfer should take place at 11-12 years of age. It is almost essential that pupils should be under the same control during the years 12-16. There will be proper time, then, for careful and continuous direction of the development of character. The Technical School has a wonderful asset in the natural interest which our type of work has for pupils. Each pupil can place lessons in their proper relation to life's work. Interest is strengthened by the provision of apparatus. The Seddon Memorial Technical College is one of the best, if not the best, equipped school in New Zealand. Consequently, in our work we are able largely to remove corporal punishment for we rarely need a spur of this kind. Honesty and straight-forwardness have been put as first objectives in the character training which is the main purpose of our work.

Each member of the staff is responsible for the supervision of the character work of one form, and it is, therefore, rare that pupils with a wrong moral viewpoint remain long in the College. The School is provided (thanks to the bequests of the late Mr. Binns and the late Mr. Hindley) with one of the best school Assembly Halls in New Zealand. It is equipped with everything necessary for adequate training in musical and dramatic work. The staff includes experts in art, needlework, electrical engineering, woodwork, radio engineering, and music and dancing, and our school concerts can, therefore, be productions which give scope for real training in dramatic art, now recognised as being a school subject of first-rate importance.

November 1938

In another way also the development of character is promoted in a technical college. The varied courses of instruction make it possible for many types of ability to be discovered, and thus we hope to prevent the sad position of young people taking up occupations for which their natural abilities do not suit them. Among educational experts no factor has been given greater attention in the past 20 years. Just as nature has given the people of the world a multitude of diversified talents so it is essential that the old type of post primary school, providing for one kind of ability mainly, should give way to a new type of school providing varied courses to suit different types of ability. This process is going on in most of the more progressive countries; to force all young people into the same mould and turn them out into the world is now accepted as wrong. Secondary schools throughout the world are, therefore, attempting to provide courses of more varied nature. This College is fortunate in that twenty years ago it put this principle into its courses. The intervening years have been spent (1) in acquiring and training the necessary specialist teachers (2) in drawing from overseas and experimenting with new methods of teaching, and (3) in accumulating the absolutely essential equipment. Almost every educational commission of recent years in New Zealand and in the United Kingdom, has praised the kind of course provided in our technical schools. And it will surely be conceded that the development of sound methods of teaching in new types of work, the gathering of specialist staffs and the accumulation of the necessary apparatus can only be done over a long period.

That our work is commended locally is evident from our day school enrolments, given below as on 1st March in the years mentioned.

1922	598
1926	800
1930	1123
1934	1322
1936	1488
1937	1516
1938	1576

In selecting the post primary school to be attended by their children, parents are frequently actuated by considerations of little educational value. Consequently we consider it of some importance to refer to the principles underlying the instruction provided for the day school pupils.

There are many even among educational experts who do not clearly understand the values which attach to technical work; some are under an entirely wrong impression that in the technical schools attention is given wholly to the training of young people in handwork. It may, therefore, be advisable to explain that there are very important reasons for taking a course at a technical college, if a pupil intends to follow a life for which our school claims to prepare.

(1) In the first place it will be readily agreed that all school work has as its chief value the training of character and the power to think. Most school subjects are forgotten after school days are over, but minds have been actively working in school days, the result has been a strengthening of the intellectual powers which nature has given and life will require us to use. Interest, success and equipment are the things which make minds active.

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Moreover, there are powers of the mind which can only be developed through work of the kind done in technical schools, and it is these very powers that are essential to success in the vocations for which the technical school prepares. In music it is not disputed that a child should commence as early as possible, but for practical vocations such as engineering, printing, etc., some argue that preparatory work should be postponed until after the secondary school stage has been passed. They wrongly say our work means specialisation, but it is just as general as more general than literary subjects. Technical school people know that their work must be given as early as possible if the mental powers to which we direct our attention are to be strengthened to the maximum amount possible. It would not be possible to explain briefly the directions in which the boy trained in technical colleges has superior mental capacity for his kind of work over the boy trained in other types of secondary school, but it will be obvious that general work mostly from books cannot develop the powers essential in constructive work.

(2) In the second place, handwork skill in itself is a valuable possession whatever the occupation. In the engineering world accuracy to 1-1000 part of an inch is required, and before long 1-10,000 part of an inch will be demanded. If an engineer is to be capable of developing accuracy of this extremely fine character, it need hardly be explained that long experience and very careful training are necessary in the instructor. Technical schools claim that unless the boy commences before his muscular development has gone far, he will never attain the standard of accuracy required of the efficient engineer. We have seen in our colleges many students who have commenced too late in life and failed to reach the standard of accuracy which is attained when the boy commences early. Children whose parents delay this work, therefore, are almost certain of failure unless factors outside of the school are sufficient to give the necessary training. It may be important to point out also that workers with adequate technical training in these days are rare and find remunerative positions at comparatively early ages.

Technical schools give to children work that is interesting because it is the work of the world in which they will live. In almost every course a substantial portion of the work is directly connected with an occupation. Most of the equipment has been provided for the purpose of making these classes closely resemble the work of the world. It will, therefore, be understood that the interest of pupils is readily caught, and it should be remembered that no force is more powerful in education than interest.

#### COURSES OF INSTRUCTION.

Some particulars of the courses of instruction and of the prospects available to the student, are listed below:—

(1) **Agriculture Course.**—In this course the student's time is divided between general school work—English, Arithmetic, History; Sciences which are essential in Agriculture—Botany, Chemistry, Zoology, Agriculture and Dairy Science; Handwork subjects—Woodwork, Metalwork and Farm

Mechanics, and practical work in the garden and nursery or on the farm. The Board of Managers has an intensive area situated in Remuera, where boys are given instruction under practical men in the work of the garden, the nursery, the poultry farm or the orchard. An area of 26 acres has been acquired recently for the purpose of this practical work.

(2) **Accountancy Course.**—This course prepares boys or girls for office positions, or for the Accountancy Profession. It is a course in which the University Entrance Examination is the ultimate objective. In addition to the subjects required for this examination, pupils receive instruction in Shorthand, Typewriting and Book-keeping. The Technical College course differs from that of the Grammar Schools in that Shorthand and Typewriting are taught to Technical College pupils, while this is not usually the case in the Grammar Schools. Those preparing for business positions should understand clearly that the first examination for the accountancy profession is the University Entrance Examination of the New Zealand University, and that this requires four years in the day school. The Technical College conducts in its day and evening classes all of the work required for professional accountancy.

(3) **The Commercial Course** is the usual course preparing girls for entry to business positions. The chief object aimed at is the development of accuracy. Lessons in Shorthand, Typewriting and Book-keeping are given every day, and a full supply of equipment of the latest type is provided. At the same time general work in English, History, Arithmetic, etc., and in Dressmaking (for girls) is felt to be necessary. A two years' course will take a pupil of good ability to the stage of the Public Service Commissioner's Shorthand-Typists' Junior Examination, and Stage I. Book-keeping Examination of the New Zealand Society of Accountants. The general work of the class is sufficient to make it possible for them to enter for the School Certificate Examination.

(4) **Arts and Crafts Course.**—This course is intended to provide for artistic girls. The College can offer girls the training in Dressmaking, Millinery, Leatherwork, Brass and Copper work, etc., in which the artistic girl is likely to find scope for her talents. The subjects taken in this course are English, Arithmetic, History, Shorthand, Typewriting, Art, Applied Art, Dressmaking.

(5) **Domestic Science Course.**—To this course are attracted girls who intend to enter some occupation connected with women's work. All of the needlework trades, cafeteria or similar work are provided for. Each girl is given a sound practical and theoretical training which will thoroughly equip her for entrance to any industry taken up by women. Artistic work is aimed at, and in consequence, considerable time is given to training in good taste. Four specialist art teachers are available. In addition to the art work, Needlework and Dressmaking are given full attention, and for this purpose there is a staff of fully qualified needlework instructresses. The cookery work of the College is on thoroughly practical lines, and practice in large scale cookery is aimed at. In the advance stages of the work, pupils receive training which will make easy the conduct of tea rooms, catereries or similar work.

(6) **Engineering Course.**—This course should be taken by all who hope eventually to own or control a mechanical, electrical, radio, or motor engineering establishment. Capable managers, we believe, are derived from the ranks of those, who beginning as apprentices have had a thoroughly practical training as an apprentice, journeyman and foreman. The day school course should extend over at least three years and in this period a boy has received instruction in the Practical Mathematics, Applied Mechanics, Physics, Electricity, Machine Drawing, Properties of Materials, Fitting and Turning upon which alone can success in this trade be built.

The Technical School does not prepare boys for Civil Engineering, this being a function of the Grammar Schools and the day classes of the University—a course involving at least eight years of day education after completing the primary school course. It is not our opinion that University courses are suitable for technical school students, who are recommended to make themselves thoroughly familiar with trade processes, equipment and materials by actual trade experience from the apprentice stage in the branches of engineering for which we prepare.

In order to provide adequately for the practical training involved, specialist instructors of long experience are available and methods used in overseas apprentice schools are studied. Equipment in drawing rooms, science laboratories, electrical and mechanical engineering workshops is not only sufficient but up-to-date. In recent years, heavy expenditure on equipment has made our workshops the best equipped in New Zealand.

To those desirous of obtaining examination qualifications, there is the studentship examination of the Institution of Mechanical Engineers, London. This examination comprises the subjects, General Knowledge, Mathematics, Mechanics and Physics. Qualification in this examination represents the boy's first step in gaining professional qualification for his life's work. Further progress may be made in evening classes leading to the Associate Membership Examination of the same Institution. In addition to Machine Design, Strength of Materials, Electro-Technics, and Metallurgy, a foreign language is necessary, and completion confers a Diploma which has world-wide recognition. In Electrical Engineering, the City and Guilds of London conduct examinations in Auckland which make it possible for boys to qualify for Associate Membership (A.M.I.E.E.) in the Institution of Electrical Engineers (London).

(7) **Printing Trades Course.**—The printing trades course is a course in which general secondary subjects are combined with trades instruction in order to equip boys for entry to the printing trades. The subjects in which general instruction are given (English, Mathematics, History, Geography and Economics), are those which eventually must be taken by candidates for the Diploma in Journalism. In addition Shorthand and Typewriting are given as these are essential to the reporter. Instruction in Freehand Drawing and the principles and practice of Typography will prove at a later stage invaluable to the boy who enters any branch of the printing trade as a mechanic. The technical college course, is therefore, so arranged that a pupil may enter printing

works as an apprentice to the printing trade, but in addition he will have the foundations laid in these subjects which will enable him later to change over if opportunity offers to the Journalistic branch of the trade. A Diploma in Journalism is granted by the New Zealand University, and, as it is not necessary to pass the University Entrance Examination for this Diploma, a student belonging to the printing trades classes may reasonably expect to qualify for the examination at a later date.

(8) **Woodwork Course.**—The Woodwork course of the College provides for those students whose future is to be in one of the woodworking trades, or in the sheet-metalwork trade. The general subjects are English, Practical Mathematics, Mechanics, Applied Geometry and Freehand Drawing. A really sound foundation in these subjects is essential if the future woodworker is to know the theoretical principles upon which all of the advanced work in his trade is based. In addition, in the well-equipped workshops of the College, under the experienced craftsmen-teachers employed, the boy is able to develop that handwork skill and artistic taste which are so essential to the skilled craftsman. In view of the fact that many woodwork jobs are being replaced by sheet-metalwork it is thought expedient to give the woodworking boys training also in the principles of Applied Geometry, Mathematics and Setting Out, which are essential to these trades.

#### OUR DISTRICT.

The Seddon Memorial Technical College considers its district to be the Auckland province. It is an institution possessing facilities which cannot possibly be extended to many portions of the country, and it is felt that its facilities should be open to all who desire to attend. It should, therefore, be understood that pupils from anywhere may attend the College if there is sufficient accommodation available for them.

Free railway travel, however, is another matter, and the Education Department's ruling is that pupils must travel to the nearest school at which they may obtain a course in the subjects they desire. Pupils on the North line must, therefore, travel to the Helensville District High School, or the Mount Albert Grammar School, on free railway passes if the courses desired are available at these schools. Similarly, on recognition, in Electrical Engineering, the City and Guilds of London conduct examinations in Auckland which make it possible for boys to qualify for Associate Membership (A.M.I.E.E.) in the Institution of Electrical Engineers (London).

The cost of railway tickets for school pupils amounts to 15/- per term, and those who require to pay for their railway tickets, are no worse off than the city pupils who travel to the College by tram, the cost being 1/3 per week. If a pupil really desires the advantages offered at the College, the railway fare should not be a very serious obstacle.

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The development of Monel propeller shafts some years ago directed attention to the use of this alloy for the propellers themselves. When made of softer alloys they had required frequent replacement especially if used under severe conditions, whereas Monel metal propellers have been in use for more than four years without requiring repair.

# CLASS LISTS

MARCH FIRST — NINETEEN THIRTY-EIGHT

## COMMERCIAL 3A—(Miss Davis).

Badley, Avis	Collins, Iona	Hawthorn, Margaret	Mahon, Betty	Smith, Pam
Barnes, Juel	Crabbe, Thelma	Hedges, Jean	Maidier, Margaret	Toomer, Lorraine
Campbell, Betty	Dale-Taylor, Merle	Hogben, Evelyn	Malone, Joan	Walker, Linore
Capper, Mary	Ecclesfield, Frances	Kettle, Joyce	Manson, Lorna	White, Joan
Chaltrier, Margaret	Hartley, Maureen	King, Gloria	Rosier, Thelma	Woodcock, Edna
Clark, June		McKinnan, Jessie	Sanders, Jean	Woods, Marjorie

## COMMERCIAL 3B—(Miss Henderson).

Baker, Mary	Fraser, Janet	Kean, Olive	Robinson, Jesslyn	Stanners, Eden
Burns, Aubrey	Haycock, Gwen	Kingston, Gwen	Ross, Beatrice	Tainsh, John
Chandler, Daphne	Manning, Joan	Hearing, Margaret	Scott, Nona	Thomson, Lois
Dixon, Margaret	Hirst, Jean	McNiece, Beth	Shaw, Rata	Waldrom, Ruhl
Elwood, Dorothy	Johnson, Lily	Orr, Vivienne	Snedden, Marcia	Hewitt, Jean
Forsyth, Peggy	Keekin, Cicely	Peate, Gladys	Stacey, Beryl	

## COMMERCIAL 2A—(Miss Vickery).

Anchor, Mary	Cox, Mavis	Hunter, Fay	Meale, Betty	Stephenson, Jean
Ashforth, Sylvia	Poster, Lorraine	James, Beryl	Montgomery, Margaret	Tainsh, Betty
Austin, Colleen	Gov, Barbara	Johnston, Isabel	Newbold, Irene	Thompson, Eunice
Bird, Tui	Harris, Betty	Jones, June	Osborne, Gertrude	Torrens, Jean
Birnie, Joan	Haswell, Tui	Lafoley, Delys	Pattison, Joan	Trembath, Noeline
Boyle, Dorothy	Heath, Joyce	McCoy, Myrtle	Pinley, Dorothy	Unsworth, Olwyn
Brackenridge, Gladys	Hill, Grace	McKay, Ruby	Scott, Marion	Gilmer, Willa
Braithwaite, Yvonne	Holden, Elsie	McLasky, Betty	Sinton, June	Wells, Mavis
Collet, Lesly	Horspool, Nancy	Mansfield, Audrey	Sponheimer, Marion	Sleigh, Jean

## COMMERCIAL 2B—(Miss Boynton).

Bird, Dorothy	Coulter, Agnes	Parsons, Vera	Lomas, Enid	Turner, Eileen
Birnie, Betty	Crawford, Mavis	Payn, Patience	Lord, Patricia	Wallis, Audrey
Callinan, Josie	Cutler, Rona	Patterson, Marjorie	Mayo, Helen	Wells, Mavis
Calvert, Elva	Draffin, Ursula	Humphries, Fay	Meakin, Eleanor	Williams, Dorothy
Carter, Isabel	Ellis, Nola	Huntley, Betty	Murton, Joyce	Wilson, Elizabeth
Chaplin, Valerie	Gilmer, Willa	Hutchinson, Dorothy	Osborne, Ada	
Charlton, Muriel	Gray, June	Jackson, Shirley	Roper, Joyce	
Church, Leslie	Henderson, Olga	Jorgenson, Ray	Smith, Marjorie	
Clyden, Meda	Hickey, Josephine	Kirkham, Myrtle	Spors, Mary	
Connolly, Shirley	Hovell, Doris	Kuypers, Dorothy	Steward, Gwendolene	

## COMMERCIAL 2C—(Mr. Scobie).

Anderson, Eileen	Cooper, Joyce	Goatley, Alice	McMillan, Dorothy	Spick, Joan
Arnold, Lois	Crawford, Jean	Griffiths, Rona	Massey, Joyce	Sheppard, Athal
Atkins, Joyce	Dormer, June	Griffiths, Phyllis	Mason, Lois	Stewart, Eunice
Brierley, Meta	Drake, Margaret	Hood, Elizabeth	Moldenhau, Jean	Trotter, Lillian
Buckley, Dorothy	Eyles, Mabel	Hoppe, Carla	Penberthy, Olive	Wallace, Ethel
Butland, Joyce	Fletcher, Dorothy	Hunter, Mary	Pritchard, Gladys	Wilson, Joan
Clayton, Nancy	Fynn, Joyce	McDermott, Marjorie	Quekel, Laurel	Woolley, June
Cliffe, Phyllis	Galbraith, Mona	McShehan, Joan	Rutherford, Annette	Young, Mignon
Cobb, Marjorie	Gledhill, Thelma	McGregor, Joan	Saunders, Joy	

## COMMERCIAL 1A—(Miss McLymont).

Adams, Rosalie	Ball, Beryl	Binnis, Ailsa	Brooks, Elva	Cole, Mona
Alexander, June	Barrett, Mary	Blakiston, Patricia	Burton, Constance	Collins, Ailsa
Ausell, Peggy	Barker, Daphnie	Blakey, Nancy	Burton, June	Mackay, Maise
Archer, Esther	Barnett, Marie	Blinrew, Doreen	Cadness, Evelyn	Miller, Phyllis
Atfield, Nancy	Bateman, Beverly	Boncher, Eileen	Cameron, Margaret	Satchell, Joyce
Atkinson, Lorna	Bell, Loue	Boyle, Ruby	Campwell, Irene	Smith, Margaret
Armstrong, June	Baxter, Maud	Brummell, Alwina	Care, Joy	Wilburn, Dorothy
Atkins, June	Bennet, Peggy	Brennan, Joan	Connolly, Mollie	Wilson, Elsie
Ballot, Marie	Birstead, Mary	Bricknell, Joan	Christmas, Patricia	

## COMMERCIAL 1B—(Miss Stubbs).

Carter, Nola	Dean, Ulree	Foster, Esme	Harty, Irene	Tindle, Alma
Cliffin, Noline	Dean, Cecile	Francis, Joan	Heap, Lottie	Treblcock, Patricia
Conroy, Hilida	Dunn, Mayone	Fry, Freda	Mangan, Norma	Wakeford, Barbara
Cooper, Dorthia	Dunning, Norma	Gilby, Constance	McCreadie, Gladys	Walker, Marjorie
Crawshaw, Evelyn	Eagle, Evelyn	Glover, Mary	Parsonson, Isabella	Walsh, Fay
Dagger, Joyce	Engel, Alene	Goldsworthy, Betty	Taylor, Barbara	Walters, Jean
Dan, Nancy	Fairweather, Yvonne	Green, Roma	Taylor, Beta	Williams, Claire
Daires, Rona	Fletcher, Constance	Grove, Mavis	Terrill, Joan	
Dawson, Jessie	Flinn, Lorna	Harris, Winifred	Thompson, Marion	

## COMMERCIAL 1C—(Miss Clough).

Badley, Beryl	Ireland, Gloria	Kingston, Vivien	McDonald, Norma	Thorpe, Joan
Fox, Myrtle	Ivey, Mary	Kirkwood, June	McDonnell, Mary	Tredrea, Joyce
Furley, Marjorie	Jackson, Irene	Lardner, Lella	McHardy, Joyce	Tyler-Whitman, Joyce
Hewitt, Jean	Johnson, Enid	Lauchlan, Muriel	McIntoe, Patricia	Wiley, Rona
Hooper, Hazel	Johnson, Gladys	Leach, Elsie	McKenzie, Margaret	Willis, Beverly
Hooker, Elizabeth	Jones, Ceinwin	Lewis, Elaine	McKinnon, Margaret	Win, Patricia
Hooton, Marjorie	Jones, Pamela	Maddaford, Lois	McLaughlin, Jean	Wrightson, Marie
Hurst, Betty	Kerr, Eva	Mouat, Avis	McLeod, Muriel	Yardley, Loma
		McClare, Evelyn	Parfitt, Joan	

## COMMERCIAL 1D—(Miss Lamason).

Mander, Frances	Owen, Ngaire	Spearman, Dawn	Watts, Jean
Webb, Muriel	Paul, Sibyl	Scarry, Margaret	Killick, Pat
Marks, Joan	Perry, Margaret	Sharp, Doreen	Ingram, Doreen
Massefield, Joyce	Pratt, Meyrl	Shaw, Kathleen	Leaning, Iris
Metcalf, Pat	Rees, Joyce	Shaw, Olive	Rusden, Heather
Mills, Gwen	Pritchard, Thelma	Shewan, Kathleen	Masters, Joyce
Moore, Gwen	Purves, Heather	Simpson, Freda	Rawnsley, Sylvia
Multyhill, Elaine	Quintal, Lorna	Simpson, Gay	Ripley, Joan
Munro, Elva	Renton, Nancy	Spearman, Joyce	Armitage, Jean

## ARTS 2 and 3—(Miss L. Anderson).

Ansell, Merle	Callis, Joan	Hines, Violet	Ratcliffe, Constance	Woolby, Barbara
Ball, Zena	Delaney, Betty	Humphreys, Ena	Quedley, Beadie	Wright, Joan
Banks, Beatrice	Fargher, Margaret	Leask, Joan	Sallabury, Mavis	Abercrombie, Barbara
Beswick, Joyce	Gibbons, Lenna	McPherson, Iris	Saunderson, Joyce	
Brown, Doreen	Grose, Helen	McIntyre, June	Smith, Blanche	
Campbell, Madge	Harold, Alice	Pilkington, Belle	Sullivan, Patricia	
Cathie, Leone	Harre, Diana	Prentice, Ailsa	Travis, Joan	

## ARTS 1—(Miss M. G. Anderson and Mr. Goldsmith).

Austin, Margaret	Douglas, Joyce	Harre, Elaine	May, Ngaire	Targett, Elsie
Bartholmew, Joan	Edwards, Betty	Ireland, Cora	Monk, Alfreda	Thomas, Gwen
Bennet, Margaret	Evans, Joan	Johnston, June	Morgan, Doreen	Tippett, Ena
Bouise, Flora	Foley, Therese	Kelway, Gwentyth	Neels, Norma	Turner, Joyce
Boyle, Audrey	Forrest, Louise	Lawrence, Yvette	Now, Maureen	Waite, Avril
Churches, Nola	Gearing, Ena	Lomas, Audrey	Pool, Darne	Wilson, June
Collins, Mary	Gittos, Leone	MacDonald, Joyce	Fys, Laurace	Fisher, Coral
Cossar, Margaret	Haire, Dorothy	MacLennan, Shirley	Service, June	
Denison, Catherine	Harper, Valma	McIntyre, Lola	Smith, Shirley	

## DOMESTIC 3—(Miss Adams).

Bailey, Kathleen	Foster, Sylvia	McEldowney, Jean	Phillips, Winifred	Shepherd, June
Brady, Rosa	Godfrey, Evelyn	McMillan, Olga	Port, Esma	Silva, June
Brooke, Marjorie	Johnson, Esselmont	Mustchin, Velme	Sage, Betty	Bishop, Rosie
Eggington, Josephine				

## DOMESTIC 2A—(Miss Irving).

Bond, Valerie	Gardiner, Marigold	Hooker, Delphine	Matthews, Jean	Switzer, Joan
Caltecheon, Marie	Geay, Joy	Jeffries, Norma	Monds, Jean	Wallace, Lorna
Carter, Audrey	Guest, Audrey	Johnstone, Maud	Poppe, Eric	
Cashmore, Fessa	Leach, Joan	Leach, Joan	Ormond, Peggy	
Davey, Betty	Harris, Muriel	Levet, Irene	Quintal, Norma	
Fulton, Jean	Hollis, Norma	Longbottom, Laura	Simmonds, Yvonne	

**DOMESTIC 2B—(Miss Irving).**

Allen, Gwendoline	Cook, Audrey	Grose, Naire	Ogilvie, Margaret
Beveridge, Iris	Cook, Jean	Ellison, Eileen	Pickett, Nancy
Blake, June	Cross, Jean	Martin, Doris	Piggott, Shirley
Campbell, Jean	Dent, Nancy	Meleod, Amy	Rowe, June
Chalmers, Marjorie	Findlay, Norma	Morris, Peggy	Smith, Dawn
Chapman, Joan	Gee, Vera	Norton, Elaine	Spear, Nancy

**DOMESTIC 1A—(Miss McCormack).**

Anderson, Edna	Brigham, Joan	Dickson, Jean	Furniss, Ruth
Andrews, Beryl	Callagher, Margaret	Dignan, Nola	Gedys, Gene
Rason, Shirley	Calvert, Elsie	Dilly, June	Gibson, Joy
Basham, Mary	Chapman, Joy	Feek, Eileen	Gordon, June
Bell, Kathleen	Crosbie, Beryl	Foley, Florence	Gordon, Mary
Bergman, Phyllis	Cuckey, Doreen	Forgesson, Patience	Grainger, Muriel

**DOMESTIC 1B—(Miss Wright).**

Hedges, Maureen	Hunt, Dorothy	Mabe, Violet	Mortimer, Ruth
Henderson, Maryl	Irvine, Ursula	Manson, Phyllis	McIntyre, Avis
Hogan, Emily	Keegan, Marjorie	Marsden, Joyce	McLeod, Lois
Holbrook, Joy	Kennedy, Eileen	Mattson, Ena	McLean, Rita
Hollings, Joyce	Langton, Pat	Mayhill, Mavis	O'Brien, Joyce
Hughes, Elsie	Lord, June	Miller, Kathleen	O'Brien, Valerie

**DOMESTIC 1C—(Miss Guy).**

Aitkenhead, Margaret	McGaraid, Joy	Sim Helen	Sullivan, Diana
Britton, Gwen	Nelson, Mary	Simmonds, Daisy	Sunde, Vera
Cattaneach, Eithne	Reld, Margaret	Simmonds, Velda	Trowheela, June
Chamberlain, Betty	Ryan, Betty	Smith, Margaret	Trbe, Joan
Harnish, Beryl	Saunders, Joyce	Stanaway, Iona	Tripp, Mavis
Johns, Elaine	Shaw, Sybil	Stevenson, Beverley	Tucker, Alma

**DOMESTIC 1D—(Miss Burley).**

Baylis, Beryl	Freeman, Ailsa	McKenzie, Jean	Winters, Maisie
Conaghan, Mary	Grant, Jean	McLachlan, Joan	Williams, Doris
Culpitt, Freda	Haszard, Marie	Naughton, Joan	Williams, Monica
Diggle, Dorothy	Hicks, Mollie	Oliver, Betty	Trewock, Joan
Fenner, Edith	Holbrook, Joyce	Patterson, Jacqueline	Vernon, Eileen
Franks, Joy	Johnstone, Sue	Sorenson, Doreen	Royal, Marie

**ACCOUNTANCY 3A—(Mr. Titheridge).**

Atkinson, A.	Laurie, D.	Moyle, T.	Stevenson, I.
Bein, R.	Maskell, G.	Nunnerly, L.	Thomas, A.
Brumby, H.	McGregor, R.	Perry, R.	Thomas, M.
Callinan, J.	McKenzie, G.	Piggott, D.	White, B.
Catterall, K.	McVeigh, A.	Simpson, C.	Woodhead, L.
Davis, G.	Morrill, K.	Smithyman, K.	Ashley, A.

**ACCOUNTANCY 3B—(Mr. Carnachan).**

Massicks, Joan.	Coulam, J.	Kay, I.	McWilliams, W.
Tebbutt, Joan.	Dixon, N.	Kneebone, F.	Morrison, D.
Whisker, Ellen.	Forster, M.	McMahon, E.	Norris, J.
Beedy, E.	Greenman, D.	McNaught, P.	O'Meara, D.

**ACCOUNTANCY 2A—(Mr. Drake).**

Beedy, M.	Harvey, J.	Moss, R.	Sweetman, I.
Brannigan, O.	Hooker, V.	Mundell, R.	Tait, K.
Carpenter, D.	Heldens, R.	Paul, T.	Taylor, C.
Catterall, I.	Jackson, R.	Robson, E.	Thompson, B.
Davison, E.	Kennerley, J.	RUEG, R.	Wilshere, G.
Ellison, V.	Lawford, C.	Russell, K.	Wright, J.
Evans, B.	McBride, I.	Spencer, J.	Brown, Leila
Gate, D.	McKenzie, D.	Stafford, G.	Emery, Grace
Hannken, G.	Mitchell, T.	Sumich, I.	Hodgkinson, Evelyn

**ACCOUNTANCY 2B—(Mr. Fulton).**

Baldick, L.	Grogan, A.	Keegan, M.	McPherson, E.
Clark, I.	Parbher, V.	Laird, J.	Moroney, M.
Clarkson, K.	Hall, R.	Larkin, E.	Morrison, C.
Cairns, M.	Harris, H.	Laurie, E.	Mullins, K.
Douglas, P.	Howard, M.	Lay, B.	Sanders, W.
Eaddy, J.	Jones, I.	McGregor, J.	Spinley, F.

**ACCOUNTANCY 1A—(Mr. McKillop).**

Battersby, Joan	Baker, C.	Carmichael, B.	Heatley, S.
Dickson, Irene	Bayliss, A.	Chaplin, R.	Hutt, P.
Fitzwilliam, Durrell	Beech, R.	Clark, R.	James, C.
Haynes, Colleen	Bellingham, J.	Clough, W.	Lambert, J.
King, Audrey	Bindon, R.	Ellis, K.	Lester, D.
Langford, Betty	Borrie, F.	Fraser, W.	Lousich, C.
Scott, May	Bright, A.	Garlick, R.	May, M.
Stephens, Shirley	Brighton, N.	Gosso, C.	Monzie, D.
White, Shirley	Brown, F.	Grieve, A.	Menzies, G.

**ACCOUNTANCY 1B—(Mr. Ohlson).**

Ansell, T.	Flint, E.	Moyle, A.	Spencer, P.
Beil, G.	Garfield, L.	Nelson, J.	Skinner, L.
Betterton, E.	Gibson, R.	Nelsen, R.	Tait, L.
Brien, H.	Gembitsky, M.	Norgrove, R.	Taiton, A.
Brooke, A.	Mansell, F.	Paddy, D.	Tebbutt, F.
Clark, E.	McGlicuddy, D.	Parfitt, E.	Thomas, M.
Deeming, S.	Metcalfe, J.	Rae, K.	Thomson, C.

**AGRICULTURE 1 2 and 3—(Mr. Davis)**

Batton, F.	Gisby, J.	Abercrombe, J.	Minchan, J.
Batty, A.	Lambrick, W.	Baxter, R.	Moore, W.
Beldham, K.	McKay, N.	Bethune, R.	Puddephat, D.
Bethune, H.	Millar, R.	Corry, S.	Smith, A.
Brookfield, T.	Parlane, D.	Greenaway, J.	Bellin, H.
Carriek, K.	Todd, R.	Gilmour, L.	Binstead, J.
Cuibert, G.	Wood, C.	Johnstone, L.	Cheshire, L.

**ENGINEERING 3A—(Mr. Taylor).**

Alken, L.	Foot, D.	Leighton, S.	Pike, D.
Allen, R.	Gilanders, W.	Lendrum, R.	Parker, F.
Barry, R.	Griven, W.	Lomas, W.	Reeve, S.
Barton, F.	Glasse, J.	Lyon, R.	Reynolds, I.
Billings, A.	Goldbro, P.	McIntyre, A.	Robertson, E.
Brooks, P.	Hadfield, B.	McKinlay, I.	Ryan, D.
Buchan, R.	Hamblyn, D.	Masson, G.	Saxon, C.
Campbell, W.	Hardy, O.	Marks, J.	Schischka, L.
Collins, R.	Hartley, R.	Mearns, D.	Taherner, P.
Davis, Y.	Langdon, J.	Miligan, A.	Teag, G.
Foxell, J.	Lane, F.	Moulder, K.	Trendall, R.

**ENGINEERING 3B—(Mr. A. A. Smyth).**

Archbald, D.	Crawford, W.	James, W.	Marlow, E.
Aston, H.	Davy, I.	Keen, J.	Mayall, D.
Baylis, N.	Deverick, E.	King, R.	Mayhill, F.
Beresford, K.	Foley, J.	Laurie, E.	Menzies, D.
Bird, J.	Fowler, B.	Levit, L.	Murford, A.
Blakeway, A.	Gavin, D.	Litchfield, A.	Mundell, T.
Bow, I.	Hoare, J.	Lord, V.	Phipps, R.
Bright, G.	Howe, S.	Lever, L.	Rosd, L.
Byrt, G.	Hunter, C.	McDonald, J.	Reid, R.
Chester, C.	Jackson, R.	McKenzie, K.	Richardson, T.

**ENGINEERING 2A—(Mr. Wood.)**

Berquist, A.	Glew, A.	Jones, A.	O'Meara, R.
Burrows, J.	Gooch, J.	Kirned, N.	Otto, L.
Christopher, J.	Greenwood, F.	Maclarquhar, D.	Reld, A.
Dillon, R.	Harris, E.	McGhie, J.	Rogerson, C.
Foster, B.	Haylock, E.	McKinlay, W.	Ryan, D.
Fowlds, D.	Hick, A.	Martin, J.	Sendes, J.
Fowler, J.	Hoare, R.	Martin, M.	Sims, D.
Fox, E.	Holt, T.	Mawdsley, I.	Stiverwright, J.
Garnor, D.	Horton, A.	Miller, E.	Smythe, D.
Gadding, C.	Jackson, A.	Minns, H.	Stanton, R.

**ENGINEERING 2B—(Mr. A. G. Adams.)**

Abrahams, J.	Flanagan, R.	Kane, R.	Marsh, E.
Barons, N.	Hackett, W.	Lawrence, M.	Nairn, K.
Brooks, R.	Hackshaw, J.	Lines, P.	Nichols, B.
Burnett, J.	Hannan, M.	Love, W.	Norden, H.
Clover, W.	Hart, R.	Lynnam, J.	Otter, K.
Colcutt, C.	Hocking, A.	McGowan, T.	Payne, P.
Dickenson, A.	Hulena, B.	McAuley, B.	Pearson, W.
Donald, J.	Irwin, E.	McKenna, J.	Peterson, L.
Duncan, J.	Greenstreet, D.	McKinlay, D.	Phillips, L.
Edmunds, W.	Jamieson, D.	McQuarrie, M.	Ryall, V.

**ENGINEERING 2C—(Mr. Webber.)**

Ballard, J.	Chitty, H.	Howe, C.	McCrae, M.
Bates, G.	Christopher, O.	Hunt, K.	McConnell, W.
Bray, O.	Delgrosso, F.	Irvin, D.	Manson, J.
Beger, H.	Dyer, R.	Irvine, A.	Morrow, D.
Borrie, J.	Duncan, R.	Irvine, I.	Mortimer, N.
Daverne, J.	Eames, S.	Lavers, F.	Moyes, V.
Brinsden, J.	Evans, B.	Lealty, W.	Noble, N.
Buckley, D.	Going, R.	Lennon, A.	Quinton, K.
Carrington, S.	Gooding, N.	Lumley, R.	Richardson, G.
Catlow, A.	Gorris, C.	MacKenzie, J.	Sanderson, E.
Chamley, W.	Hewitt, J.	McBride, A.	Schmidt, H.

**ENGINEERING 2D—(Mr. Maloy.)**

Bird, M.	Edge, C.	Jaklich, L.	Martin, J.
Bassett, J.	Ewing, G.	Middleton, L.	James, C.
Campbell, R.	Forsyth, W.	Johnson, K.	Miller, R.
Clareburt, R.	Govan, J.	McBride, J.	Millett, D.
Cornall, J.	Harper, H.	McCaughy, J.	Morr, J.
Crabb, B.	Holland, R.	Mellwaine, J.	Morrin, G.
Davidson, R.	Holmes, F.	McLaren, E.	Nelson, J.
Derig, R.	Hurley, R.	McNeil, R.	Noble, F.
Diver, J.	Hurley, W.	Macpherson, C.	Pullan, R.
Douglas, R.	Hutcheson, A.	Mackie, R.	Recco, W.

**ENGINEERING 1A—(Mr. W. M. Smyth.)**

Burns, K.	Clark, F.	Cramond, W.	Derry, G.
Burt, H.	Cluitt, J.	Crawford, D.	Derig, T.
Cain, I.	Coghlan, P.	Crawshaw, K.	Did-dell, R.
Campbell, J.	Cole, E.	Creeks, C.	Doehson, N.
Cancare, F.	Cole, R.	Crosbie, R.	Donald, J.
Carr, R.	Collins, L.	Cumming, G.	Donaldson, D.
Chime, R.	Cook, G.	Cumming, K.	Double, L.
Chubb, W.	Corby, J.	Daniels, E.	Duffin, W.
Clark, D.	Craig, B.	Davies, L.	Dunn H.

**ENGINEERING 1B—(Mr. de Lisle.)**

Fletcher, N.	Gledhill, A.	Harding, J.	Henry, G.
Fournier, W.	Goldsworthy, J.	Harnish, R.	Heron, W.
Franton, S.	Goodall, S.	Harpin, K.	Hill, A.
Fullames, C.	Goodison, C.	Harvey, K.	Hill, D.
Gasparich, R.	Goodivon, C.	Hackell, G.	Hutch, C.
Gaunt, J.	Gordon, R.	Hayden, A.	Hull, B.
Gibbs, A.	Hall, A.	Hebden, P.	Humbly, N.
Gibson, R.	Hannah, R.	Hegh, D.	Hutchings, R.
Griven, R.	Harbourne, D.	Henderson, A.	

Strachan, C.	Stewart, E.	Simmonds, H.
Tindle, J.	Trevarthen, P.	Sutcliffe, E.
Webber, L.	White, M.	Taylor, S.
White, M.	Whitlow, J.	Wilson, J.
Whitlow, J.	Wightman, L.	Withers, F.
Wightman, L.	Woodford, R.	Woodruffe, R.
Wright, K.	Wright, K.	Wyeth, A.
Young, D.		

Allen, E.	Barlow, N.	Laing, J.	MacKenzie, K.
Anderson, R.	Barnard, F.	Lane, K.	McGregor, G.
Anderson, J.	Barritt, A.	Lincoln, W.	McDonald, D.
Arcs, J.	Baxter, R.	Lindgreen, P.	McEwen, K.
Ash, C.	Beadle, M.	Lock, A.	McHardy, T.
Ashford, R.	Keatings, A.	Lone, R.	McIntyre, C.
Aspen, F.	Keatings, F.	Long, W.	McKay, V.
Aston, R.	Kerr, J.	Low, R.	McLean, A.
Barker, H.	Kirker, J.	Low, R.	McLeod, J.

**ENGINEERING 1C—(Mr. E. James.)**

**ENGINEERING 1D—(Mr. Hayman.)**

Andrews, P.	Mitchell, J.	Neal, A.
Keith, A.	Mitchell, R.	Nelson, N.
Mason, W.	Montgomery, N.	Peters, D.
Maxwell, G.	Moore, T.	Peters, G.
Melkiojohn, R.	Morris, C.	Phillips, J.
Mellor, J.	Morris, N.	Pivach, N.
Millar, R.	Murray, B.	Porteous, O.
Mincher, A.	Murphy, R.	

**ENGINEERING 1E—(Mr. Stewart.)**

Rainey, J.	Ravenhall, R.	Rayner, W.	Reynolds, F.
Robbins, N.	Roush, J.	Rowland, G.	Rowntree, J.
Russell, E.	Sandford, L.	Saunders, K.	Scarrott, L.
	Crab-Scott, R.	Shaw, W.	Sherriff, C.
	Shaw, W.	Stone, H.	Sinclair, W.
	Stanton, J.	Stuart, J.	Sulley, J.

**ENGINEERING 1F—(Mr. Dallimore.)**

Aydon, H.	Bell, L.	Boredford, R.	Bornie, H.
Birnie, J.	Blackburn, J.	Blackford, B.	Borthwick, H.
Boxshall, R.	Boyle, M.	Bradley, H.	Bradley, R.
Broberg, A.	Brooks, N.	Brook, R.	Gatfield, R.

Hotham, N.	Spick, J.	Sutton, C.	Thomson, C.
Spurds, E.	Sturden, E.	Symes, W.	Tippet, K.
Stevens, R. C.	Stevens, R. C.	Taberner, K.	Trotter, J.
Stocks, L.	Stones, J.	Taplin, F.	Taylor, W.
Stormont, B.	Stuart, J.	Taylor, D.	Urquhart, L.
Sulley, J.	Thomas, L.	Wall, A.	Wallace, H.
		Williams, R.	Robinson, S.
		Wilson, A.	Mackie, R.

**TYPOGRAPHY 2 and 3—(Mr. Hlstead.)**

Arbaster, A.	Barker, H.	Beeke, A.	Broome, H.
Clifton, M.	Ellis, T.	Garratt, G.	

Crane, R.	Mitchell, T.	Niall, J.	Purdy, M.
Sawyer, A.	Smith, R.	Wheddale, A.	

**TYPOGRAPHY 1—(Mr. Wooller.)**

Allyne, T.	Blenkarne, J.	Bowker, S.	Brown, R.
Chapman, D.	Clark, N.	Clement, D.	Clinton, D.
Colman, D.	Gilford, P.	Gray, R.	Clark, N.

Hewitt, H.	Hook, T.	Faine, F.	Mason, K.
Moulden, R.	MacDonald, W.		

**WOODWORK 2 and 3—(Mr. H. W. James.)**

Buckley, R.	Fraser, G.	Garrood, T.	Giles, W.
Greenman, W.	Cupul, T.	Darrington, A.	Downs, R.

Hughes, G.	Jarrett, R.	Leig, R.	McKay, E.
McKay, L.	Haire, R.	Hesketh, D.	

Malcolm, B.	Manand, B.	Marchbanks, J.	Mardle, H.
Marshall, A.	Matheson, T.	Salisbury, R.	

Prickett, J.	Priestley, J.	Prian, M.	Prior, M.
Probie, M.	Pulman, T.	Purchase, W.	Ramskill, R.
Nixon, R.			

Wilson, B.	Wilson, D.	Wilson, K.	Wilson, S.
Wong, S.	White, R.	Whitefield, M.	White, R.
Wright, S.	Wyran, D.	Young, D.	Smith, G.

Workman, A.	Derrick, F.		
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Robinson, J.	Rogers, B.	Walden, H.	Wall, K.
Wilson, A.			

Willan, W.	Wilson, B.	Beek, C.	Cashmore, C.
Coop, N.			

WOODWORK 1A—(Mr. Brown.)

Akust, H.	Donald, M.	Lege, J.	McKee, G.	Swenson, W.
Auger, R.	Dilly, T.	Levet, E.	Phillips, R.	
Bancroft, E.	Fell, A.	Linder, R.	Quinn, R.	
Boyle, A.	Gibson, L.	Manning, A.	Rickman, G.	
Breton, T.	Harrison, S.	Mitchell, N.	Smyth, J.	
Brien, J.	Howe, K.	Mitchell, J.	Stanners, J.	
Derby, G.	Insley, J.	McIntosh, R.	Sullivan, J.	

WOODWORK 1B—(Mr. Brooke.)

Anderson, A.	Gaunt, T.	Preston, F.	Webster, R.	Walker, P.
Carriek, B.	Haywood, J.	Rhodes, E.	Whalley, G.	Balley, L.
Clark, D.	McLaren, E.	Pattal, M.	Wignall, F.	Hills, V.
Corcoran, J.	McKinnon, J.	Ross, S.	Williams, J.	Hewitt, C.
Cristof, G.	Molonehney, B.	Taylor, D.	Wood, A.	
Durrant, T.	O'Neill, W.	Thomas, H.	Williamson, J.	
Ellis, S.	Paul, J.	Tupp, J.	Volkner, L.	

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