

Otago Boys' High School

Course selection for 2017

NCEA Level 1

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Boys, parents and caregivers

Welcome to the Senior School. The aim of this booklet is to assist you with your course planning for next year. The handbook contains information on all subjects currently offered in the senior school.

Be assured that every effort will be made to provide a course of study that will meet your needs and assist you to achieve your academic and career goals.

Advice on course planning is available from the staff listed below. For advice on individual subjects please talk to your teachers and the staff member listed in the information for each subject. Read this booklet carefully, and keep it for later reference.

Some quick tips of advice

- Know any prerequisites (what must be studied beforehand);
- Plan ahead (what your course leads to);
- Consult with the adults you live with and with the teachers in charge of subjects.
- Follow **your** preferences and choices, not those of your mates.

Key staff for 2017 - You may wish to ask advice from the following staff

Guidance Counsellor	Mr Rust
Careers Advisor	Mr Swan
Academic leader	Mr Hooper

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

General information

Classes will be organised and timetabled to operate only if there are sufficient numbers of students interested and if staffing and resources are available. There may be composite (mixed level) classes. Video conference and/or Correspondence School courses may have to be applied for. There is also the possibility of linking with Otago Girls' High School for very specific courses that are not able to be delivered here at Otago Boys' High. Selection into such courses would undergo a rigorous process and would not expect to affect more than a few students. Please speak with Mr Hooper for further information. For the vast majority of students the school's policy is to have students taught here at school by teachers.

Specific information for Year 11 students in 2017

All students study SIX subjects including English and Mathematics all of which lead to NCEA Level 1 credits. Most subjects will have a mixture of internally and externally assessed Achievement Standards.

Some students will be guided into alternative courses in Mathematics, English and Science, which offer a mixture of Achievement Standards and Unit Standards. To achieve NCEA Level 1 students must gain 10 credits in Literacy and 10 credits in Numeracy.

Recognising high achievement

You can gain a NCEA with Merit or Excellence. If you gain enough credits for your NCEA and 50 or more of them are at Excellence, you will earn NCEA Level 1 with Excellence. If you get 50 or more credits at Merit (or a mix of Merit and Excellence), you will earn NCEA Level 1 with Merit.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnore | **Perseverance** - Manawanui | **Excellence** - Hiranga

Course endorsements 2017

A course endorsement provides recognition for a student who has performed exceptionally well in an individual course. The key objective of a course endorsement is to motivate students to achieve their potential in one or more courses. Students will gain an endorsement for a course if, in a single school year, they achieve:

- 14 or more credits at Merit or Excellence at the lower level that supports the endorsement
- at least 3 of these credits from externally assessed standards and 3 credits from internally assessed standards. Note this does not apply to Physical Education and level 3 Visual Arts.

Centurions & Bronze Oak Leaf

Centurions recognise those students who have passed all internals and externals through the course of the year. It is acknowledged through the award of the Bronze Oak Leaf, a permanent symbol of our school motto “Recti Cultus Pectoa Roborant”. At various other times through the year, in senior assemblies and in year group assemblies, those students who are still maintaining a 100% pass rate will be acknowledged in the company of their peers.

How to make your subject choices

From the evening of Wednesday 7th September you will notice a new hyperlink down the left hand-side of your online KAMAR portal (portal.obhs.school.nz) called **Course Selection**. (Not the app but the online portal).

Subject choices must be submitted by Thursday 22nd September.

If you change your mind before the deadline please submit another round of choices and please inform Mr Hooper by email. We are always here to help and advise. Please do not be afraid to drop me an email over the next few days or leave a message on the phone.

mark.hooper@obhs.school.nz 03 474 3049

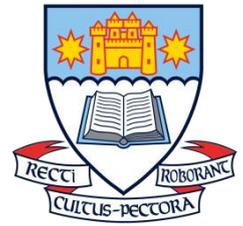
Good luck and don't rush into any decisions. Take the weekend and early part of next week to finalise your decisions.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Accounting in 2017

For further information please see Mr Ashwin
brian.ashwin@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11ACC

Entry information

There is open entry to Level One Accounting.

Outline of Course

Accounting is the language of business. NCEA Level 1 Accounting introduces Accounting as a financial language for individuals, community organisations and businesses. The course provides students with foundation knowledge of the principles, processes and reporting functions of Accounting. Information, numeracy, communication and problem solving skills are developed in Accounting.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Demonstrate understanding of accounting concepts for small entities	3	90976	External	Y	N
Process financial transactions for a small entity	5	90977	Internal	N	N
Prepare financial statements for sole proprietors	5	90978	External	N	N
Prepare financial information for a community organisation's AGM	4	90979	Internal	Y	N
Interpret accounting information for sole proprietors	4	90980	External	Y	N
Make a financial decision for an individual or group	3	90981	Internal	Y	N

Course costs

The cost of the level one Accounting workbook is \$35.

Where this qualification can lead

To the study of Level 2 Accounting. Anyone considering a career in business should “give Accounting a go”. Accounting is the language of business, spoken all over the world.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Agricultural and Horticultural Science in 2017

For further information please see Tim Ashdown
tim.ashdown@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11AGR

Entry information

There are no prerequisites for this course.

Outline of Course

The course offers an introduction to Agricultural and Horticultural production in New Zealand. It is a full NCEA course that offers a mix of internal and external standards. It covers a range of practical and theoretical skills and would appeal to any student who would like a career in the exciting fields of applied sciences and primary industries. It is also suitable for any student who wishes to grow their own food at home.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Practical investigation	4	90918	Internal	Y	N
Practical horticultural skills	4	90157	Internal	N	N
Soil management	4	90919	External	N	Y
Agriculture in NZ	3	90920	Internal	N	Y
Livestock management	5	90921	External	N	Y

Course costs

Course book \$35. Notebook

Where this qualification can lead

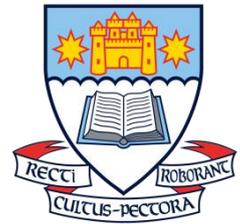
This qualification leads to further study at Level 2.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Visual Art in 2017

For further information please see Ms Taylor
kirsten.taylor@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11ART

Entry information

Art in Years 9 and 10 is preferred, but is not essential.

Outline of Course

The course covers Drawing and Painting processes and procedures, Printmaking processes and procedures, an introduction to Photography and the research of artworks from Maori and European traditions and contexts. There will be an opportunity for students to extend their own ideas and techniques in a range of media.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Demonstrate understanding of art works from Maori and other cultural contexts using Art Terminology.	4	90913	Internal	Y	N
Use drawing methods and skills for recording information using wet and dry media.	4	90914	Internal	N	N
Produce a body of work informed by established practice, which develops ideas, using a range of media.	12	90916	External	N	N

Course costs

The fee is \$80.00 and it includes but is not limited to the following items:

1 A2 art bag, 1 set of A2 paints, 6 brushes, 4 pencils, 2x Sharpie markers, erasers, a mixture of weighted papers, photography chemicals and photography papers, printmaking etch plate, lino plate, carving tools, printmaking inks.

Where this qualification can lead

NCEA Levels 2 and 3 specialising in either Painting, Printmaking or Photography.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnora | Perseverance - Manawanui | Excellence - Hiranga

Food and Nutrition in 2017

For further information please see Ms Irving or Ms Moore

jacqueline.iring@obhs.school.nz

emma.moore@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11FDN

Entry information

Level 1 Food and Nutrition is taught and assessed using practical and written context. It is a yearlong course of study. Previous experience of food at junior level is not required to enter at this. Students will enjoy a range of opportunities to expand their knowledge and skills in the preparation, serving and presentation of food.

Outline of Course

This is a practical course based on Achievement Standards from the New Zealand Curriculum and Unit Standards offered by Service IQ. Students will prepare food in the Specialist Room one period a week.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Demonstrate knowledge of Practices and Strategies to address a Food Handling Issue.	5	AS 90959	Internal	Y	N
Demonstrate knowledge of an Individuals Nutritional Needs.	5	AS 90956	Internal	Y	N
Demonstrate understanding of how packaging information influences an individual's food choices and well-being	4	AS 90961	External	N	N
Career pathways in Hospitality	2	US 21058	Internal	N	N
Present Meat in the Food Industry.	2	US 15900	Internal	N	N
Prepare Egg and Cheese dishes.	2	US 19770	Internal	N	N
Prepare Fruit and Vegetables	2	US 15901	Internal	N	N

Course costs

There is a cost of \$ 180.00 which covers the cost of ingredients and consumable items used in our specialist Food Room and the student's Service IQ Workbook.

Where this qualification can lead

This course leads to Food and Nutrition at Years 12 and 13 which is a University Entrance subject. Students studying Food and Nutrition can take a career pathway into the following:

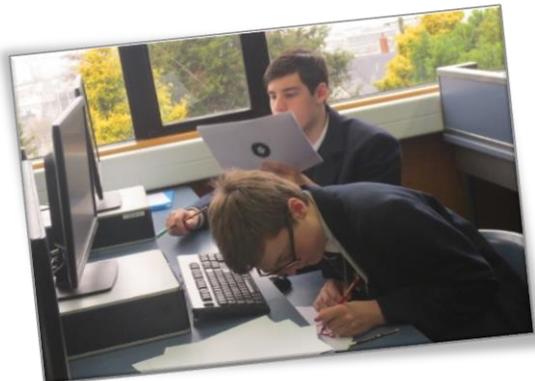
Sports Nutrition/ Food, Agriculture and Business Marketing/ Bachelor of Culinary Arts/ Food Science/ Catering Industry/ Product Design and Analysis/ Dietician/ Food Production/ Quality Assurance and any aspect of food related arenas including Hospitality.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Digital Technologies in 2017

For further information please see Mr South or Mrs Bennett
mike.south@obhs.school.nz nicole.bennett@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11DGT

Entry information

This course has become much more academic with the implementation of the new digital technology standards. To do this course boys must have displayed aptitude with application software by passing **most** of the year 10 Digital Technologies module (10 DGT) or 10 Robotics Module(10 ROB) However, any boy who has not done this module and feels they have ability with applications and computer logic, will be considered on a case by case basis.

Outline of Course

Provides an entry level into higher level computing, using the new digital technology achievement standards which provides an opportunity to learn a variety of practical computing skills including the use of database, mail merge, desktop publisher, graphic design, website design and computer programming,

Assessment

Candidates will be assessed internally with achievement standards from the new digital technology matrix Level 1. A possible 20 credits are available.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Digital information outcome – Database and Dynamic Linking	4	91071	Internal	N	N
Digital media outcome – Web Design	4	91073	Internal	N	N
Basic computer program – Scratch or Python	3	91076	Internal	N	N
Conceptual design – Logo Design & Research	6	91046	Internal	N	N
Basic concepts Information Management	3	91070	External	Y	N

Note: While most boys will only do the internal standards, any pupil who wishes Merit or Excellence endorsement will be offered the external achievement standard **91070: Demonstrate understanding of basic concepts of information management.** (3 credits)

Where this qualification can lead

Provides an opportunity to develop and extend computing and IT skills. Completion of this course leads into the Year 12 and Year 13 DGT courses which provide an excellent stepping stone into Tertiary IT courses, especially in the area of Computer Science.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Economics in 2017

For further information please see Mr Pratley
gwyn.pratley@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11ECO

Entry information

There are no prerequisites for entry to this course.

Outline of Course

The course provides a framework of micro-economic theory and provides a good grounding for future study in the subject. Topics are taught using local examples and two assessments are based on Cadbury Confectionery in Dunedin. The course comprises four major areas of study.

1. Consumer Choices - students will study the economic behaviour of individuals and households.
2. Producer Choices - students will study the decisions of individual firms and industries about the use of resources to produce goods and services.
3. Government Choice - students will study the decision making process for a government choice where there are competing viewpoints and values positions.
4. The Market - students will study the interactions between households and firms in the market and the resulting allocation of resources.

Assessments resulting from the course learning

This is a full year course and provides the opportunity to gain 24 credits. There are 12 credits externally assessed at the end of the year and 12 credits are internally assessed during the year. All Level 1 standards contribute to NCEA Level 1 literacy requirements.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnore | **Perseverance** - Manawanui | **Excellence** - Hiranga

NCEA Level 1 / Course code: 11ECO ... continued ...

Entry information

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Demonstrate understanding of consumer choices, using scarcity and/or demand	4	90983	External	Yes	No
Demonstrate understanding of decisions a producer makes about production	5	90984	Internal	Yes	No
Demonstrate understanding of producer choices using supply	3	90985	External	Yes	No
Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium	5	90986	External	Yes	No
Demonstrate understanding of government choice where affected groups have different viewpoints	4	90987	Internal	Yes	No
Demonstrate understanding of the interdependence of sectors of the New Zealand economy	3	90988	Internal	Yes	No

Course costs

Students are encouraged to purchase the Year 11 NCEA workbook which helps reinforce and supplement the material covered during class time. This will cost approximately \$35.00.

Where this qualification can lead

Within School: To Level 2 and 3 Economics.

Tertiary: To degrees such as Bachelor of Commerce or Arts. Polytechnic courses such as National Diploma in Business Studies or Management. Careers such as Valuer, Actuary, Lawyer, Economist, Sociologist, Teacher, Planner, Accountant, Statistician, Personnel Officer, Tertiary Lecturer, Banking, Insurance, Stockbroker, Agricultural Economist etc.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnore | **Perseverance** - Manawanui | **Excellence** - Hiranga

English in 2017

For further information please see Mr Tagg
stewart.tagg@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11ENG1, 11ENG, 11ENC

Level 1 English offers 3 different programmes: 11ENG1, 11ENG and 11ENC.

Entry information

Students will be guided into the appropriate programme based on their Year 10 achievement and advice from their Year 10 English teacher. Entry to any Year 11 programme is at the discretion of the HOD English.

Outline of Course

Welcome to Level One English. Your English course this year aims to instruct students in the following main areas: Reading Skills, Personal and Formal Essay Writing, Literature (Drama, Novel, Short Stories, Poetry, Non-Fiction, and Film), Research Skills, Speaking Skills and Media Production Skills. Skills such as interpretation, analysis and processing of information and ideas are also developed.

ACADEMIC ENGLISH

11ENG1 and 11ENG are academic courses designed for high-achieving students who are committed to working to the best of their abilities in NCEA English. Students are placed into 11ENG1 as a result of their results and efforts in year 10; placement into this course is at the discretion of the students' year 10 English teacher and the HOD English.

COMMUNICATION ENGLISH

11ENC is an English course designed for those who find reading and writing a challenge at times. 11ENC offers assessment in Level One English. All of the standards offered in this course are internally assessed. Students are placed into 11ENC on the recommendation of their year 10 English teachers and at the discretion of the HOD English. **VOCATIONAL PATHWAYS** assessments will be incorporated into many achievement standards offered in 2016.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnora | Perseverance - Manawanui | Excellence - Hiranga

Assessments resulting from the course learning

Students in both **11ENG1** and **11ENG** will sit TWO or THREE external examinations, as listed below. Students will also undertake THREE internal assessment tasks (from those listed below). All assessment tasks are decided by the class teacher and are based on their knowledge of each students' individual areas of strength.

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) OR Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Show understanding of specified aspect(s) of studied written text(s), using supporting evidence	4	90849	External	Y	N
Show understanding of specified aspect(s) of studied visual or oral text(S), using supporting evidence	4	90850	External	Y	N
Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence	4	90851	External	Y	N
Produce creative writing	3	90052	Internal	Y	N
Produce formal writing	3	90053	Internal	Y	N
Explain significant connection(s) across texts, using supporting evidence	4	90852	Internal	Y	N
Create a visual text	3	90855	Internal	Y	N
Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	3	90856	Internal	Y	N
Construct and deliver an oral text	4	90857	Internal	Y	N

Students may be offered AS 90854, *Form personal responses to independently read texts, supported by evidence*, as an on-going homework task.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnore | **Perseverance** - Manawanui | **Excellence** - Hiranga

For those students in **11ENC**, assessments offered by your teacher will be selected from:

Topic of learning	Credits	Achievement standard number		Mode of assessment – External (November) OR Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Produce creative writing	3	90052		Internal	Y	N
Produce formal writing	3	90053		Internal	Y	N
Create a visual text	3	90855		Internal	Y	N
Form personal responses to independently read texts, supported by evidence	4	90854		Internal	Y	N
Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	3	90856		Internal	Y	N
Write formal personal correspondence	3	10792		Internal	Y	N
Independently read texts for practical purposes and to gain knowledge	6	25060		Internal	Y	N

Course costs

Nil

Where this qualification can lead

The skills taught in English are valued across a range of subjects and disciplines. Being that English teaches us to write accurately, to read carefully and to think critically, students who find success in this subject often find success widely.

Boys who find success in any of these courses can progress to English in NCEA Level 2.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnore | **Perseverance** - Manawanui | **Excellence** - Hiranga

French in 2017

For further information please see Mr Black
jim.black@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11FRE

Entry information

You must have finished Year 10 French with confidence.

Outline of Course

The course covers advanced work in areas that you have begun studying, such as the four skills of listening, speaking, reading and writing. The topics you will study are based on earlier work, and will involve everyday situations faced by young people in French speaking countries. Mostly the work is about family, school, daily life and leisure, holidays and festivals, housing, towns, and personal description. We also look at current affairs as seen by the French speaking world. As well as the familiar textbook and workbook, you will still be using the Language Perfect website and a few other online resources. Contemporary music becomes accessible to you, and we study several films.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
A spoken presentation	4	90879	Internal	N	N
Writing a variety of texts	5	90882	Internal	N	N
Listening comprehension	5	90878	External	N	N
Reading comprehension	5	90881	External	N	N

Course costs

Part way through the year, you will need a new workbook, for \$32.
 There is \$20 for a Language Perfect subscription.

Where this qualification can lead

At this stage of your education, to further study at Level 2.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Geography in 2017

For further information please see Mr Townsend
bevan.townsend@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11GEO

Entry information

None

Outline of Course

This is a full year course worth 18 credits. The general aim of the Level 1 Geography course is to have students gain an understanding of environments which are homes for people. Students will begin to understand the important natural and cultural features of the environment and to investigate the associated processes and relationships.

Course content consists of one major topics where we examine the impacts of extreme natural events, one global pattern topic investigating the impact of fertility rates, one New Zealand based study of a geographic issue looking at the impact of social networking on young people. Geographic skills such as map interpretation, construction, analysis, research, fieldwork, evaluation, processing, valuing will be developed. Many of these will have been introduced to students through their existing Social Studies programme.

Assessments resulting from the course learning

Level 1 Geography has three internal assessment items worth a total of 10 credits. Two achievement standards at Level 1, worth a total of 8 credits are externally assessed.

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Demonstrate geographic understanding of an extreme natural event.	4	91007	External	Y	N
Apply concepts and basic geographic skills to demonstrate understanding of a given environment.	4	91010	External	N	Y
Conduct geographic research, with direction.	4	91011	Internal	Y	Y
Describe aspects of a contemporary NZ geographic issue.	3	91012	Internal	Y	N
Describe aspects of a geographic topic at a global scale.	3	91013	Internal	Y	N

Course costs

Nil

Where this qualification can lead

A variety of skills such as gathering, processing, evaluating information are developed which can be applied in other subjects. To Level 2 Geography where all skills taught are developed further and applied to our local area.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

German in 2017

For further information please see Mr Black
jim.black@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11GER

Entry information

You must have finished Year 10 German with confidence.

Outline of Course

The course covers advanced work in areas that you have begun studying, such as the four skills of listening, speaking, reading and writing. The topics you will study are based on earlier work, and will involve everyday situations faced by young people in German speaking countries. Mostly the work is about family, school, daily life and leisure, holidays and festivals, housing, towns, and personal description. We also look at current affairs as seen by the German speaking world.

As well as the familiar textbook and workbook, you will still be using the Language Perfect website and other online resources, especially from the Goethe Institut. Contemporary music becomes accessible to you, and we study films where time permits.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Listening comprehension	5	90883	External	N	N
A spoken presentation	4	90884	Internal	N	N
Writing a variety of texts	5	90885	Internal	N	N
Reading comprehension	5	90886	External	N	N

Course costs

Part way through the year, you may need a new workbook, for \$32.
There is \$20 for a Language Perfect subscription.

Where this qualification can lead

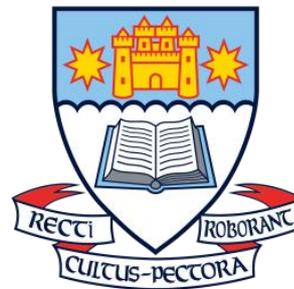
At this stage of your education, to further study at Level 2.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Design Graphics in 2017

For further information please see Mr Dougherty
richard.dougherty@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11DVC

Entry information

Design Graphics in Years 9 and /or 10 preferred, but not essential.

Outline of Course

Design Graphics (NZQA 'DVC' Design and Visual Communication Achievement Standards based) is a creative visual course where students will be using a wide variety of media and presentation techniques on Architectural and Product design briefs. Students will cover a variety of topics including design, problem solving and graphic communication. Freehand drawing is emphasized as a means of helping to solve design problems. We utilize 3D modelling software, 3D Printing of prototypes and craft model scale miniatures. Research skills, initiative, ingenuity and resourcefulness are also attributes a student will develop through his work.

It is an NCEA course which has four units which are internally assessed and three which are externally assessed. Together these are worth a total of 27 credits towards the National Certificate of Educational Achievement. Students will have the opportunity to offer work in all of the units

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

NCEA Level 1 / Course code: 11DVC ... continued ...

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Use design ideas to produce a conceptual design for an outcome to a design brief.	6	91046	Internal	N	N
Produce freehand sketches that communicate design ideas	3	91063	External	N	N
Produce instrumental, multi-view orthographic drawings that communicate technical features of design ideas	3	91064	External	N	Y
Produce instrumental paraline drawings to communicate design ideas	3	91065	External	N	Y
Use rendering techniques to communicate the form of design ideas	3	91066	Internal	N	N
Use the work of an influential designer to inform design ideas.	3	91067	Internal	N	N
Undertake development of design ideas through graphics practice	6	91068	Internal	N	N

Course costs

There is a small fee to cover the extensive equipment offered to the students. A wide variety of high quality pens, inks, paints & paper are used. There is also a department colour laser printer that is extensively used, a 3d printer, digital SLR camera, miniature modelling materials & equipment. The room is full of specialized equipment that allows for broad presentation techniques that caters to individual strengths and abilities.

Where this qualification can lead

Within school - to NCEA Level 2 Design Graphics.

The Achievement standards offered count towards University entrance.

Vocations like Architecture, Product design & Graphic design (such as advertising, web site design) are directly linked pathways to Design Graphics, but being able to present an idea visually is useful in all aspects of life.

Design Graphics is about communicating ideas visually (referred to as 'Visual Literacy'), it provides a wide range of learning skills and opportunities, which transfer to a wide range of occupations, or further vocational or tertiary education. Visual literacy is the broadest and most internationally used form of communication.

Vision: Best for Boys Through the Right Learning

History in 2017

For further information please see Ms Curtis
wendy.curtis@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11HIS

Entry information

There are no specific entry requirements for Level 1 History beyond a genuine interest in how people have interacted in the past and how that may have affected the present and future. The focus is on the use of primary sources wherever possible.

Outline of Course

1. The general aim of the year 11 History course is to have students develop the following skills:
to gather and recall information
to understand simple relationships
to classify, contrast and compare
to develop the ability to interpret a wide range of historical resources e.g. cartoons, film, maps, documents
to recognise different points of view, bias, and the difference between fact and opinion

2. Many of the above skills will have been introduced to students through the existing Social Studies programme at Year 9 and 10.

Four topics are studied as follows:

- Origins of World War II
- Conflict in Ireland 1909-1922
- Stalin's Russia 1924-1957
- The 1981 Springbok Tour of NZ

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnora | **Perseverance** - Manawanui | **Excellence** - Hiranga

NCEA Level 1 / Course code: 11HIS ... continued ...

Assessments resulting from the course learning

This is a full year course worth 24 credits. There are three internally assessed Achievement Standards worth 12 credits. The remaining credits are externally assessed.

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Carry out an investigation of an historical event or place	4	91001	internal	Y	N
Demonstrate understanding of an historical event or place	4	91002	internal	Y	N
Interpret sources of an historical event	4	91003	external	Y	N
Demonstrate an understanding of different perspectives	4	91004	internal	Y	N
Describe the causes and consequences of an historical event	4	91005	external	Y	N
Describe how a significant historical event affected New Zealand society	4	91006	external	N	N

Course costs

None

Where this qualification can lead

Level 2 History

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Mathematics and Statistics in 2017

For further information regarding Level 1 Mathematics and Statistics please see Mr Roe or Mr Hooper

Richard.roe@obhs.school.nz mark.hooper@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11MAT1

Entry information

While students may have a preference as to which 11MAT course they choose, the final placement will be dependent on their performance in Year 10 and advice from their Year 10 Mathematics teacher. All students need to put on their course selection form is 11MAT.

Outline of Course

This course is determined by the National Mathematics Curriculum and the NCEA assessment framework. Learning will be centred on the key curriculum areas of Number, Algebra, Graphing, Geometry, Trigonometry, Statistics and Probability. Learning will be focused on what is relevant and engaging. The Algebra external examination occurs in September each year.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Apply numeric reasoning when solving problems	4	91026	Internal	N	Y
Apply algebraic methods	4	91027	External	N	Y
Investigate relationships between tables, equations or graphs	4	91028	External	N	Y
Apply geometric reasoning	4	91031	External	N	Y
Investigate multivariate data using statistical enquiry cycle	3	91036	Internal	Y	Y
Demonstrate understanding of chance and data	4	91037	External	N	Y

Course costs

\$20 for write-on booklets supplied by the Mathematics Department.
A scientific calculator, costing approximately \$20.

Where this qualification can lead

This course will lead to Level 2 Mathematics and Statistics.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

NCEA Level 1 / Course code: 11MAT2

Entry information

While students may have a preference as to which 11MAT course they choose, the final placement will be dependent on their performance in Year 10 and advice from their Year 10 Mathematics teacher.

Outline of Course

This course is determined by the National Mathematics Curriculum and the NCEA assessment framework. Learning will be centred on the key curriculum areas of Number, Algebra, Graphing, Geometry, Trigonometry, Statistics and Probability. Learning will be focused on what is relevant and engaging. The Algebra external examination occurs in September each year.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Apply numeric reasoning when solving problems	4	91026	Internal	N	Y
Apply algebraic methods	4	91027	External	N	Y
Investigate relationships between tables, equations or graphs	4	91028	External	N	Y
Apply right-angled triangles to measurement problems	3	91032	Internal	N	Y
Investigate multivariate data using statistical enquiry cycle	3	91036	Internal	Y	Y
Demonstrate understanding of chance and data	4	91037	External	N	Y

Course costs

\$20 for write-on booklets supplied by the Mathematics Department.
A scientific calculator, costing approximately \$20.

Where this qualification can lead

This course will lead to Level 2 Mathematics.

Vision: Best for Boys Through the Right Learning

NCEA Level 1 / Course code: 11MAT3

Entry information

While students may have a preference as to which 11MAT course they choose, the final placement will be dependent on their performance in Year 10 and advice from their Year 10 Mathematics teacher. There is no entry requirement for this course.

Outline of Course

This course is determined by the National Mathematics Curriculum and the NCEA assessment framework. Learning will be centred around the key curriculum areas of Number, Algebra, Graphing, Geometry, Trigonometry, Statistics and Probability. Learning will be focused on what is relevant and engaging.

This course will cater for students for whom extra support and time is needed. The course will be assessed by mostly internal NCEA Achievement standard assessment tasks, with some students working on unit standards. The opportunity may arise for students to attempt the Algebra external topic to keep options open for mathematics course selection the following year.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Apply numeric reasoning when solving problems	4	91026	Internal	N	Y
Solve measurement problems	3	91030	Internal	N	Y
Apply transformation geometry	2	91034	Internal	N	Y
Apply right-angled triangles to measurement problems	3	91032	Internal	N	Y
Investigate multivariate data using statistical enquiry cycle	3	91036	Internal	Y	Y
Investigate a situation involving elements of chance	3	91038	Internal	Y	Y
Demonstrate understanding of chance and data	4	91037	External	N	Y

Course costs

\$20 for write-on booklets supplied by the Mathematics Department.
A scientific calculator, costing approximately \$20.

Where this qualification can lead

This course will lead to the 12MAT2 or 12MAT3 course.

Vision: Best for Boys Through the Right Learning

Media Studies in 2017

For further information please see Mr Gabbusch.
tony.gabbusch@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11MST

Entry information.

It is preferred that a student has participated in Year 10 Media Studies, but this is not mandatory

Outline Of Course.

This is a full year course worth up to 29 credits. We attempt 20 of the available credits. The course aims to develop student understanding of the media and how media can affect our society. The course examines the content and production of newspapers, television, radio, and film media. It develops critical skills of interpretation and analysis. There is also a practical component where students design and create their own media product.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Demonstrate understanding of selected elements of media text(s)	3	90990	Internal	Y	N
Demonstrate understanding of the media coverage of a current issue or event	4	90991	External	Y	N
Demonstrate understanding of characteristics of a media genre	4	90992	External	Y	N
Produce a design and plan for a media product using a specified range of conventions	3	90993	Internal	Y	N
Complete a media product using a specified range of conventions, from a design and plan	6	90994	Internal	Y	N

Course costs

You are required to purchase a large size scrapbook for draft work. A laptop is the preferred BYOD IT device, as it allows you to edit audio, photographs, video, etc. effectively.

Where this qualification can lead

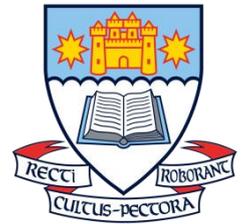
Level 2 Media Studies, and eventually to tertiary studies in media production, journalism, or public relations and other creative industries.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Technology Metal in 2017

For further information please see Mr. Odgers, HOD and/or Mr. Densem, TIC.
greg.densem@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11WTM

Entry information

Experience in Year 10 Workshop Technology Metal is preferred but not essential.

Outline of Course

Workshop Technology Metal is a predominately hands on subject which is made up of a series of internally assessed, industry based Unit Standards. These Unit Standards will give the students the opportunity to gain credits towards their NCEA Level 1 as well as attaining the industry recognised National Certificate in Mechanical Engineering Level 1. All of these units will be appropriate to the skills expected at this level and the level of learning expected of the students. While about 75% of the course involves practical work the student must understand that an important part of the course involves being in the classroom doing important design and theory components.

Assessments resulting from the course learning

Work for Unit Standards are assessed by the teacher, with the results being moderated externally to ensure that those who achieve are of a national standard.

Topic of learning	Credits	Achievement/ Unit standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Demonstrate basic workshop skills under close supervision	12	22923	Internal	N	N
Develop a simple product using engineering materials	10	22924	Internal	N	N
Demonstrate knowledge of safety procedures in a workshop	2	22926	Internal	N	N

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Course costs

A base fee of \$70 is included in the school fees to cover the cost of “standard” metal and other consumable items such as paints, abrasives, gases and welding supplies etc. Additional items such as hinges, handles, catches, timber, upholstery and any other special components must be sourced and supplied by the student.

Where this qualification can lead

Within school: Workshop Technology Metal Level 2(Year 12)

Tertiary: This course will provide a sound foundation for a student who is planning a career that requires good hand-eye co-ordination. Students will be able to progress to Polytechnic courses which have a vocational bias, or alternatively, to go on to other tertiary studies. Students will develop practical knowledge and skills which will benefit them in an engineering based industry.

Tertiary: This course will provide a sound foundation for a student who is planning a career that requires good hand-eye co-ordination. Students will be able to progress to Polytechnic courses which have a vocational bias, or alternatively, to go on to other tertiary studies. Students will develop practical knowledge and skills which will benefit them in an engineering based industry.

Vision: Best for Boys Through the Right Learning

Music in 2017

For further information please see Mr Hanson
konrad.hanson@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11MUS

Entry information

Music in Years 9 and 10 is preferred, but is not essential. Students need the ability to perform on an instrument/vocals.

Outline of Course

Students learn to create, produce, and perform music.

Course costs

Purchase/Hire of Instrument/Tuition Fees as applicable

Assessments resulting from the course learning

There are four core assessments to focus learning on a variety of musical skills.

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Perform two pieces of music as a featured soloist	6	91090	Internal	N	N
Compose two original pieces of music	4	91092	Internal	N	N
Demonstrate and apply introductory knowledge of music technology equipment and techniques	4	27656	Internal	N	N
Demonstrate aural and theoretical skills through transcription	4	91093	External	N	N

Because music students have different strengths and interests, an extra performance and theory assessment are available for those to add to their course or use as a substitute.

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Demonstrate ensemble skills through performing a piece of music as a member of a group	4	91091	Internal	N	N
Demonstrate knowledge of conventions used in music scores	4	91094	External	Y	N

Where this qualification can lead

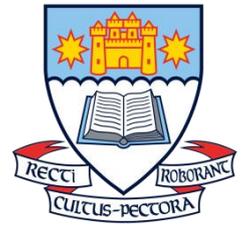
Leads to NCEA Level 2 Music course and NCEA Level 3 Music and further music making as leisure or career pursuit.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Physical Education in 2017 (offers two courses)

For further information please see Mr McGarry
mike.mcgarry@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11PED

Entry information

Students need to have shown commitment to fully participate in the practical aspects of this subject in Years 9 and 10.

Outline of Course

This 22 credit course is practically based with an emphasis on the social development of the student and the positive effect that exercise can have on their lifestyle and well-being. The students will participate in a range of physical activities. They will be able to demonstrate knowledge of how their body functions and what effects exercise has on the quality of movement.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Participate actively in a variety of physical activities	5	90962	Internal	N	N
Knowledge of the body structure and functioning	5	90963	Internal	Y	N
Demonstrate quality movement in a physical activity	3	90964	Internal	N	N
Demonstrate interpersonal skills in a group and the impact of these skills on others	4	90966	Internal	Y	N
Take action to assist others to participate in physical activity	2	90969	Internal	N	N
Demonstrate self-management strategies and describe the effects on participation in physical activity	3	90970	Internal	Y	N

Course costs

None

Where this qualification can lead

Internally into Level 2 NCEA and externally into the Health and Fitness industry.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

NCEA Level 1 / Course code: 11APP

Entry information

None

Chances of studying this subject in 2017



Outline of Course

This 22 credit course (achievement standard) and is practically based with an emphasis on player performance by building an environment “off the field” which enhances players’ “on-field” performance. The course will introduce students to using sport as a context to develop life skills for success. Students cannot also enrol for level 1 Physical Education.

Specifically the intention is for the students involved to further develop self-discipline, team work, individual responsibility, having exposure to competitive situations, making appropriate lifestyle choices, and to enhance their levels of personal fitness through personal training.

The course will also focus on the social development of the student and the positive effect that exercise can have on their lifestyle and well-being. The students will participate in a range of physical activities related to the fitness systems in their selected sport.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Participate actively in a variety of physical activities	5	90962	Internal	N	N
Knowledge of the body structure and functioning	5	90963	Internal	Y	N
Demonstrate quality movement in a physical activity	3	90964	Internal	N	N
Demonstrate interpersonal skills in a group and the impact of these skills on others	4	90966	Internal	Y	N
Take action to assist others to participate in physical activity	2	90969	Internal	N	N
Demonstrate self-management strategies and describe the effects on participation in physical activity	3	90970	Internal	Y	N

Course costs

None

Where this qualification can lead

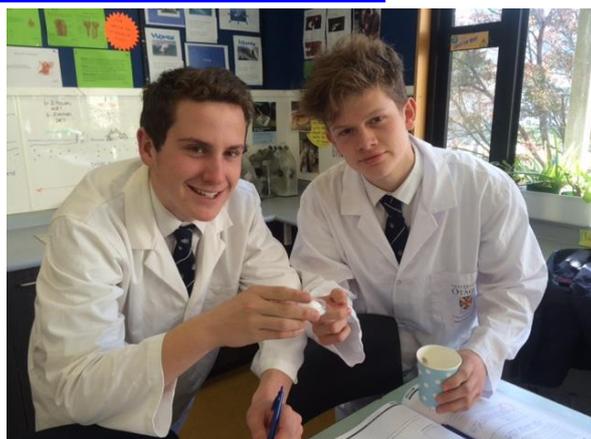
Internally into 12 Sport. Externally into the Health and Fitness industry.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnore | **Perseverance** - Manawanui | **Excellence** - Hiranga

Science in 2017

For further information please see Mr Ashdown
tim.ashdown@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11SCI

Entry information

There are no entry requirements for this course.

Outline of Course

The year 11 course is composed of standards in Biology, Chemistry and Physics. The emphasis is on preparation for further study in these areas as well as preparation for those wishing to study Earth and Space science and Agricultural and Horticultural science in year 12. The emphasis is on flexibility with the option to do standards that would appeal to the individual students. The course design is on going but the following standards will be offered next year.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Understanding mechanics	4	AS90940	External	N	Y
Understanding acids and bases	4	AS90944	External	N	N
Understanding genetic variability (optional)	4	AS90935	External	Y	N
Physics investigation	4	AS90935	Internal	N	Y
Chemistry investigation	4	AS90930	Internal	N	Y
Biology investigation	4	AS 90951	Internal	N	N

Course costs

Course book \$20. Notebook

Where this qualification can lead

This course leads to further study at year 12 in Biology, Chemistry, Physics, Earth and Space Science and Agricultural and Horticultural Science.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Te Reo Maori in 2017

For further information please see Mr Matehaere
brent.matehaere@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11MAO

Entry information

Year 10 Te Reo Māori or a reasonable base in Te Reo.

Outline of Course

This full year course is worth a total of 30 credits. It develops the skills of listening, writing, reading and speaking in Te Reo Māori. The course topics are based on the students themselves, their families, their interests, hobbies, and a range of every day topics, for example kei te kainga, hui marae, kei te kura, and te ao taiohi. The course also aims to deepen students' awareness and understanding of Māori culture and protocol.

Assessments resulting from the course learning

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Whakarongo kia mōhio ki te reo o tōna ao	6	91085	Internal	Y	N
Kōrero kia whakamahi i te reo o tōna ao	6	91086	Internal	Y	N
Pānui kia mōhio ki te reo o tōna ao	6	91087	External	Y	N
Tuhi i te reo o tōna ao	6	91088	External	Y	N
Waihanga tuhinga i te reo o tōna ao	6	91089	Internal	Y	N

Course costs

None

Where this qualification can lead

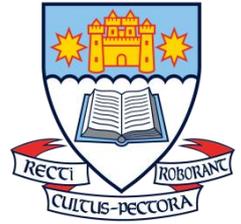
Te Reo Māori 2 (Year 12), Te Reo Māori 3 (Year 13). An ability to speak and understand the Māori language is a desirable skill in many employment areas, especially those that work with Māori or require employees to have a cross-cultural awareness. Possible careers include Maori language teacher, health professional, educator, journalist, broadcaster, professional in a government department, historian, lecturer, librarian, teacher, lawyer, police officer, tourism operator, curator, actor, advertising, anthropologist, archaeologist, and archivist.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

Technology Wood in 2017

For further information please see Mr Odgers
peter.odgers@obhs.school.nz



Chances of studying this subject in 2017



NCEA Level 1 / Course code: 11WTW

Entry information

Experience in Year 10 Technology or Wood Technology is preferred but not essential.

Outline of Course

Wood Technology is a predominately workshop based subject which comprises mainly of ITO Unit Standards and an Achievement Standard. Additional Achievement Standards are available for any student wanting to gain University Entrance in Technology. The students are given the opportunity to develop design, construction and problem solving skills as well as learn best workshop practice. Students are required to design and construct their own storage cabinet with timber being the dominant material but the use of other materials is encouraged. While about 70% of the course involves practical work, students must realise that an important part of the course involves essential design and theory components. The course has been designed to develop eye/ hand co-ordination and therefore a minimal amount of the course is done using machinery.

Assessments resulting from the course learning

Work for both the Achievement Standard and Unit Standards is assessed internally (by the teacher), with the results being moderated externally to ensure that those who achieve are of a national standard.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnore | **Perseverance** - Manawanui | **Excellence** - Hiranga

NCEA Level 1 / Course code: 11WTW ... continued ...

Topic of learning	Credits	Achievement standard number	Mode of assessment – External (November) or Internal (through the school year)	Counts towards Level 1 Literacy	Counts towards Level 1 Numeracy
Implement basic procedures using resistant materials	6	A/S 91057	Internal	N	N
Construct freehand drawings	2	U/S 14995	Internal	N	N
Use and maintain hand tools	4	U/S 2199	Internal	N	N
Use handmade basic joints in furniture making	3	U/S 18917	Internal	N	N
Construct a basic carcass	6	U/S 18918	Internal	N	N

Course costs

A base fee of \$80 is included in the school fees to cover the costs of wood and other stock items such as adhesives, nails, screws, drills etc. Additional items such as hinges, handles, catches and other special components must be supplied by the student. Students will be supplied with Radiata Pine for their cabinets but are welcome to use other types of timber if they supply it and it is of a suitable standard.

Where this qualification can lead

Within school: Year 12 Wood Technology

Tertiary: This course will provide a sound foundation for a student who is planning a career that requires good hand-eye co-ordination (e.g. trades, design, dentistry). Students will be able to progress to University or Polytechnic. This course provides students wishing to enter any trade with a sound practical foundation. Students will develop practical knowledge and skills which will benefit them in the future, not necessarily as a career.

Information regarding vocational pathways

This course will be beneficial to any student undertaking a university course which has a practical or design component e.g. engineering. It will also be invaluable for students wanting to enter any trade e.g. Building and construction, flooring, electrical.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnora | Perseverance - Manawanui | Excellence - Hiranga

Notes/questions I may have for teachers/deans

Vision: Best for Boys Through the Right Learning

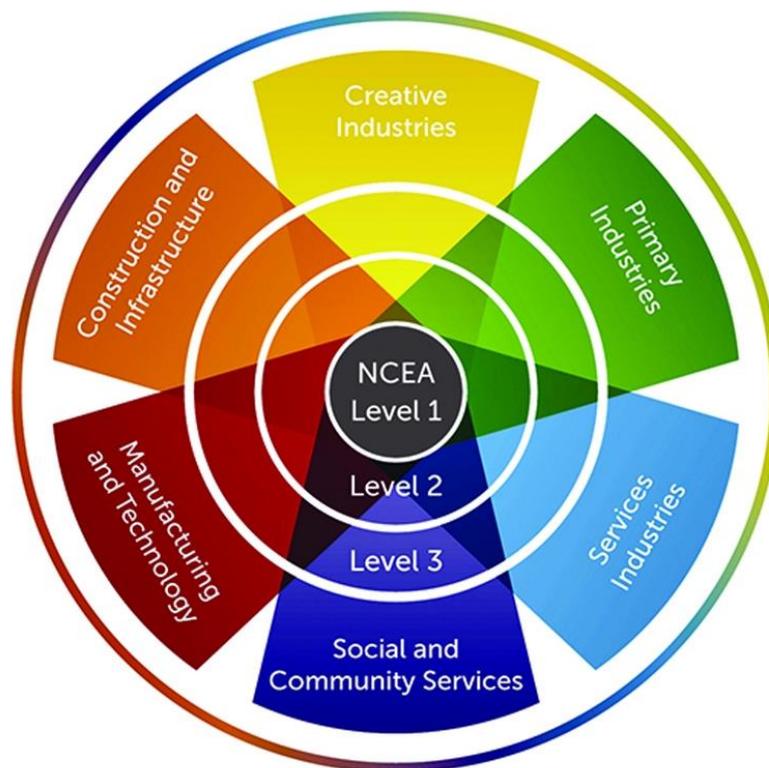
Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnore | **Perseverance** - Manawanui | **Excellence** - Hiranga

Vocational Pathways in 2017

The Vocational Pathways provide new ways to structure and achieve NCEA Level 2, the foundation for successful transitions to further education and work. This journey starts with a successful NCEA Level 1. They enable students to see how their learning is relevant for a wide range of jobs and study options in six broad sectors of industry:

Manufacturing and Technology;
Construction and Infrastructure;
Primary Industries;
Social and Community Services
Services Industries;
Creative Industries.

The Vocational Pathways have been developed through a partnership between industry and employer representatives, the industry training sector, secondary and tertiary education providers and government agencies. They will play an increasingly important part of what shape NCEA qualifications look like at Otago Boys' High School.



The following tables provide information for Level 1 students in 2017 as to how their NCEA Level 1 qualification can be structured with the Vocational Pathways in mind, as well as an indication of the types of careers it can lead to.

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnore | **Perseverance** - Manawanui | **Excellence** - Hiranga

Vocational Pathways at OBHS NCEA Level 1

	Construction and Infrastructure	Primary Industries	Social & Community Services	Manufacturing and Technology	Service Industries	Creative Industries
Accounting		7 recommended credits			24 recommended credits	24 recommended credits
Agriculture		23 recommended credits				
Art					4 recommended credits	20 recommended credits
Catering		5 recommended credits	5 recommended credits		17 recommended credits	
Digital Technology	6 recommended credits	16 recommended credits	6 recommended credits	22 recommended credits	8 recommended credits	22 recommended credits
Economics		24 recommended credits	3 recommended credits		24 recommended credits	24 recommended credits
English	28 recommended credits	28 recommended credits	28 recommended credits	14 recommended credits	28 recommended credits	28 recommended credits
English Communication	12 recommended credits	12 recommended credits	12 recommended credits		12 recommended credits	12 recommended credits
French		9 recommended credits	5 recommended credits		14 recommended credits	10 recommended credits
Geography	4 recommended credits	15 recommended credits	3 recommended credits		22 recommended credits	18 recommended credits

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga

German		9 recommended credits	5 recommended credits		14 recommended credits	10 recommended credits
Design and Visual Communication	21 recommended credits			21 recommended credits		21 recommended credits
History			20 recommended credits		8 recommended credits	24 recommended credits
Mathematics (1)	16 recommended credits	23 recommended credits	4 recommended credits	16 recommended credits	12 recommended credits	23 recommended credits
Mathematics (2)	15 recommended credits	22 recommended credits	4 recommended credits	15 recommended credits	12 recommended credits	22 recommended credits
Mathematics (3)	12 recommended credits	22 recommended credits	3 recommended credits	12 recommended credits	13 recommended credits	22 recommended credits
Media Studies		4 recommended credits	4 recommended credits		7 recommended credits	20 recommended credits
Mechanical Engineering	10 recommended credits	24 recommended credits		24 recommended credits		6 recommended credits
Music						24 recommended credits
Physical Education		5 recommended credits	22 recommended credits		22 recommended credits	22 recommended credits
Science	12 recommended credits	20 recommended credits	8 recommended credits	20 recommended credits	12 recommended credits	24 recommended credits
Te Reo Maori		30 recommended credits	30 recommended credits		30 recommended credits	30 recommended credits
Wood Technology	13 sector credits 10 recommended credits	10 recommended credits		13 sector credits 10 recommended credits		

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnore | **Perseverance** - Manawanui | **Excellence** - Hiranga

Construction and Infrastructure	Primary Industries	Social & Community Service	Manufacturing and Technology	Service Industries	Creative Industries
Air Traffic Controller	Agricultural Technician	Air Force Serviceman	Aeronautical Engineer	Accountant	Actor
Architect	Agricultural Scientist	Ambulance Officer	Aircraft Maintenance Engineer	Accounts Officer	Advertising Specialist
Boat Builder	Animal Attendant	Anaesthetist	Architect	Actuary	Animator
Bricklayer	Aquaculture Farmer	Animal Attendant	Automotive Electrician	Administration Officer	Architect
Building Contractor	Arborist	Audiologist	Automotive Mechanic	Advertising Specialist	Architectural Technician
Building Inspector	Beekeeper	Biomedical Engineer	Baker	Air Force Serviceman	Archivist
Cabinet Maker	Biochemist	Biosecurity Officer	Biochemist	Army Serviceman	Art Director
Caretaker	Biosecurity Officer	Building Inspector	Biomedical Engineer	Auctioneer	Artist
Carpenter	Biotechnologist	Chiropractor	Boat Builder	Bank Worker	Artistic Director
Civil Engineer	Crop / Dairy Farmer	Community Worker	Brewer	Barrister	Author
Concrete Worker	Dairy Products Maker	Corrections Officer	Butcher	Beauty Therapist	Beauty Therapist
Construction Manager	Dog Trainer	Conservator	Cabinet Maker	Bus Driver	Boat Designer
Crane Operator	Energy Auditor	Counsellor	Chemical Engineer	Café Worker	Body Artist
Draughtsperson	Environmental Engineer	Customs Officer	Chemist	Carpet Cleaner	Camera Operator Clothing Designer
Diver	Environmental Scientist	Curator	Civil Engineer	Cashier	Designer
Driller	Farm Worker	Dental Technician	Clothing Designer	Chef	Clothing Pattern Maker
Electrician	Fencer	Dentist	Clothing Marker/Cutter	Chemist	Conservator
Environmental Engineer	Fishery Officer	Dietitian	Computer Systems Technician	Courier	Copywriter
Floor and Wall Tiler	Fishing Skipper	Early Childhood Teacher	Dairy Products Maker	Data Entry Operator	Curator
Floor Covering Installer	Food Technologist	Environmental Scientist	Database/Systems Administrator	Dietician	Dancer
Fork-lift Operator	Forestry Worker	Firefighter	Electrical Engineer	Driver	Director
General Labourer	Gardner	Foreign Policy Officer	Food and Beverage maker	Dry-Cleaner	Dressmaker
Glazier	General Labourer	Forensic Scientist	Factory Worker	Economist	Editor
Interior Designer	Geologist	General Practitioner	Furniture Finisher	Events Manager	Events Manager
Joiner	Geophysicist	Health and Safety Inspector	Game Developer	Financial Advisor	Exhibition Technician
Landscape Architect	Groundsperson	Immigration Officer	Glass Processor	Fitness Instructor	Film and Video Editor
List Technician	Horse Trainer	Interpreter	Industrial Designer	Flight Attendant	Florist
Locksmith	Horticultural Scientist	Laboratory Technician	Jeweller	Funeral Director	Game Developer
Metal Worker	Hunter/Trapper	Lecturer	Joiner	Graphic Designer	Graphic Designer
Miner	Landscape Architect	Librarian	Marine Engineer	Hairdresser	Hairdresser
Mining Engineer	Landscape Gardner	Medical Technician		Historian	Industrial Designer
Painter and Decorator	Marine Biologist	Midwife		Insurance Agent	Interior Designer
Plasterer	Meat Inspector			Jeweller	Jeweller

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnore | **Perseverance** - Manawanui | **Excellence** - Hiranga

Plumber and Gasfitter Project Manager Property Manager Quantity Surveyor Quarry Worker Roading Construction Worker Roofer Rubbish Collector Scaffolder Stonemason Survey Technician Surveyor Waste Treatment Operator Water Treatment Operator Welder	Meat Process Worker Microbiologist Nursery Grower Packhouse Worker Production Manager Pulp and Paper Mill Operator Quarantine Inspector Saw Doctor Science Technician Seafood Process Worker Shearer Stock and Station Agent Veterinarian Veterinary Nurse Winemaker Wood Processing Worker	Minister Nanny Navy Serviceman Nurse Occupational Therapist Optometrist Osteopath Parking Warden Pathologist Pharmacist Physiologist Physiotherapist Podiatrist Police Officer Policy Analyst Probation Officer Psychiatrist Psychologist Quarantine Inspector Radiation Therapist Radiologist Security Officer Statistician Surgeon Teacher Translator Urban Planner Veterinarian Veterinary Nurse Youth Worker Zoo Keeper Zoologist	Meat Inspector Mechanical Engineer Panelbeater Picture Framer Plastics Worker Printer Programmer Refrigeration/Air- conditioning Technician Science Technician Software Architect Supply Officer Telecommunications Technician Technical Writer Toolmaker Vehicle Body Builder Vehicle Painter Watchmaker Web Developer Winemaker	Journalist Kitchenhand Lawyer Meteorologist Mortgage Broker Navy Serviceman Outdoor Guide/Instructor Panelbeater Payroll Officer Pharmacist Physicist Picture Framer Pilot Production Assistant Professional Sportsperson Project Manager Property Manager Real Estate Agent Receptionist Records Adviser Recreation Co-ordinator Recruitment Consultant Retail Manager Sales Representative Secretary Solicitor Sports Coach Statistician Stevedore Tour Guide Travel Agent Valuer Workplace Relations Adviser	Journalist Landscape Artist Lighting Technician Make up artist Media Producer Musician Photographer Public Relations Consultant Radio Presenter Screen Printer Sewing Machinist Signwriter Sound Technician Stonemason Tailor Television Presenter Upholsterer Web Developer
--	---	--	---	--	---

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnore | **Perseverance** - Manawanui | **Excellence** - Hiranga

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnore | **Perseverance** - Manawanui | **Excellence** - Hiranga

Highly recommended websites

<http://www.youthguarantee.net.nz/start-your-journey/>



Youth Guarantee initiatives are about improving the transition from school to further study, work or training. They provide a wider range of learning opportunities, make better use of the education network, and clarify pathways from school.

About



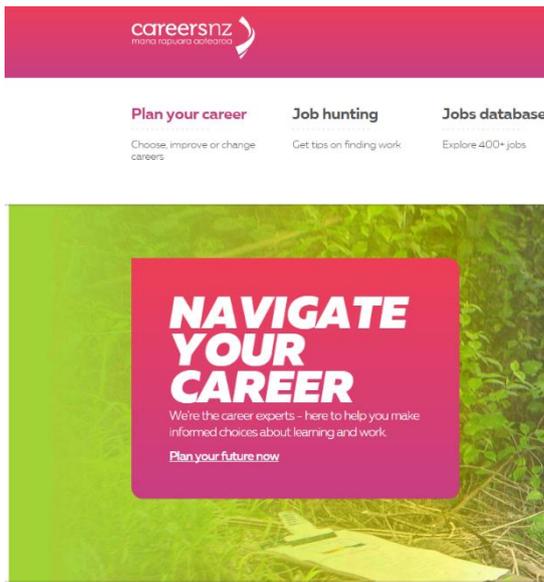
STUDENTS KEY INFO.

GET QUALS & SKILLS VALUED BY EMPLOYERS

Vision: Best for Boys Through the Right Learning

Respect - Whakaute | **Courage** - Toa | **Honour** - Hōnore | **Perseverance** - Manawanui | **Excellence** - Hiranga

<http://www.careers.govt.nz/>



<http://www.justthejob.co.nz/>



Vision: Best for Boys Through the Right Learning

Respect - Whakaute | Courage - Toa | Honour - Hōnore | Perseverance - Manawanui | Excellence - Hiranga