



JHC

JAMES HARGEST COLLEGE KEEP FAITH



Year 11, 12 and 13 Subject Outlines 2027

Our Senior programme offers:

- Challenges for all students
- A high level of basic skill development
- A wide choice of subjects
- Opportunity to study at the Southern Institute of Technology and University level

YEAR 11



QUALIFICATIONS AVAILABLE

YEAR	NATIONAL AWARD	UNIT STANDARDS
13	New Zealand Scholarships National Certificate of Educational Achievement (NCEA) Level 3	In some subjects National Certificates can be achieved in full or part via Unit Standards Assessment
12	National Certificate of Educational Achievement (NCEA) Level 2	
11	Brigadier's Diploma	

NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT (NCEA)

- The assessment for each subject is made up of a number of Achievement Standards and/or Unit Standards. Some Achievement Standards are internally assessed and some are externally assessed. All Unit Standards are internally assessed. Each Standard generates a number of credits (generally between 2 and 6 credits) which make up the total for the subject.
- Achievement Standards are awarded grades of Not Achieved, Achieved, Achieved with Merit and Achieved with Excellence.
- Unit Standards are generally awarded grades of Not Achieved or Achieved.

NCEA LEVELS 2-3 CERTIFICATE ENDORSEMENT

Endorsement with Merit

For a certificate to be endorsed with Merit, 50 credits at Merit or Excellence will be required at the same level, or higher, on the National Qualifications Framework (NQF) as the certificate being awarded.

Endorsement with Excellence

For a certificate to be endorsed with Excellence, 50 credits at Excellence will be required at the same level, or higher, on the NQF as the certificate being awarded.

Course Endorsement (ie Subject Endorsements)

Students will receive an Excellence Endorsement if they gain 14 or more credits at Excellence level, while students gaining 14 or more credits at Merit (or Merit and Excellence) will gain a Merit Endorsement. For most subjects at least 3 of the 14 credits must be from internally assessed standards and 3 from external assessments. This is to demonstrate students are competent in both forms of assessment.

POLICIES

1. Students must enrol in a full time course, i.e. 6 subjects (Year 11 and 12) and 5 subjects (Year 13).
2. Students are to enter all standards in each subject.
3. Any course changes must be made by 1 March in consultation with the Dean. After this it will be at the Dean's discretion.

YEAR 11 - BRIGADIER'S DIPLOMA

This Diploma provides the framework against which students are now assessed in Year 11. It maintains and protects academic rigour, while incorporating wider holistic educational goals. Year 11 is an important year where students are gaining the skills and knowledge to achieve to the best of their ability in NCEA Level Two the following year.

Course of Study

Students will undertake three compulsory courses in English, Maths and Science. Students also select three additional specialist subjects from our wide range of options.

Diploma Structure

Each Subject counts towards the total academic score. The total maximum score per course is 100. The six scores are added to create a score out of 600. They are converted to a Diploma Level. The Diploma may also be endorsed with important aspects such as Sports, Cultural or Āwhina contribution.

Assessment towards the Diploma:

This can consist of projects, presentations, tests, homework, examinations, checkpoints and planning materials. These will be dependent on the course. Assessments contribute to a total score for the course. Attendance and Hargest Way Grades also form part of the data used to determine which level of the Diploma has been attained.

Academic Results	Diploma Level	Attendance requirement	Hargest Way Grades
	Beginning Te Kākano Tōtara  KĀKANO		
	Proficient Te Mātātīpu Tōtara  MĀTĀTĪPU		
	Advanced Te Kōhure Tōtara  KŌHURE	Less than 5% unjustified absences	Average Hargest Way Grades above 4
	Outstanding Te Māhuri Tōtara  MĀHURI	Less than 3% unjustified absences	Average Hargest Way Grades above 4.5
	 TŌTARA POUNAMU	No unjustified absence.	Average Hargest Way Grades of 5

SENIOR SUBJECTS FOR 2027

This information outlines subject choices for all students in Years 11, 12, 13 and beyond. When choosing your subjects, look back at what you have taken and enjoyed in the past, and look ahead to see that you will be able to take the subjects you want in the following years.

YEAR 11 STUDENTS 2027

1. All students will choose 6 subjects.**
2. All students must take a course in English, Mathematics and Science.
3. Students may continue with their two Year 10 option subjects and/or choose from the following subjects :

Accounting	Art	Culinary Arts
Design & Visual Communication	Digital Technologies	Drama
Economics	ESOL	Fashion and Design
Food and Nutrition	Geography	Hard Materials Design
Hard Materials Trade	Health and Physical Education	History
Literacy	Media Studies	Music

Please read subject notes for conditions of entry.

**Students studying in the Cambridge class at Year 11 choose two optional subjects alongside their IGCSE classes

YEAR 12 STUDENTS 2027

1. All students will choose 6 subjects.
2. All students must take English in their course.
3. A student may choose a subject providing they meet the entry requirements.
4. Subjects that you can study for the first time at this level if you meet the entry requirements are:

Accounting	Biology	Building and Construction
Business Studies	Chemistry	Childcare and Development
Classical Studies	Culinary Arts	Design
Design & Visual Communication	Digital Technologies (Beginners)	Drama
Economics	Electronics	ESOL
Fashion and Design	Food and Nutrition	Geography
Hard Materials Design	Health Education	History
Literacy	Mechanical Engineering	Media Studies
Music	Outdoor Recreation	Photography
Physical Education	Physics	Tourism
Transition Skills		

Please read subject notes for conditions of entry.

NB: University Entrance requires students to have:

- 5 Level 2 Credits in Reading and 5 Level 2 Credits in Writing
- 10 Level 1 or higher credits in Numeracy

Many other Tertiary institutions have similar requirements. Please check University/Polytechnic websites and/or talk to Careers staff for specific course entry requirements.

Note: If you have not yet gained Literacy and/or Numeracy you will need to ensure that your chosen course allows for this.

YEAR 13 STUDENTS 2027

1. All students will choose 5 subjects. The selection of a sixth subject is at the discretion of Deans and Mrs McDowall.
2. A student may choose a subject providing they meet the entry requirements.
3. Subjects that you can study for the first time at this level if you meet the entry requirements, and in consultation with Head of Department, are:

Biology	Chemistry	Classical Studies
Design & Visual Communication	Digital Technologies	Drama
Economics	ESOL	Fashion and Design
Food and Nutrition	Geography	Hard Materials Design
Hard Materials Trade	History	Literacy
Media Studies	Music	Physical Education
Physics	Science	Tourism

Please read subject notes for conditions of entry.

CHOOSING SENIOR SUBJECTS

Where do I begin?

- Ask advice of Careers Advisers/Deans/Subject Teachers/Form Teachers/Whānau/Employers

www.tahatu.govt.nz has some great resources.

- Careers Interest Test
- Choosing NCEA subjects
- Future Studies Pathways

SUBJECT JOB MATCHER - MATCH JOBS WITH YOUR SCHOOL SUBJECTS

<https://www.moneyhub.co.nz/what-to-study.html>

And remember, not all subjects will necessarily lead to a promised career. By selecting a good range of subjects you will give yourself opportunities.

Year 10 Students 2026

Choose subjects from the Year 11 list.

Year 11 courses may include an Achievement Standard. All year 11 courses are designed to enable students to achieve NCEA Level Two in 2028.

Year 11 Students 2026

Choose subjects from the Level 2 list.

Look at Level 3 subjects.

Ask:

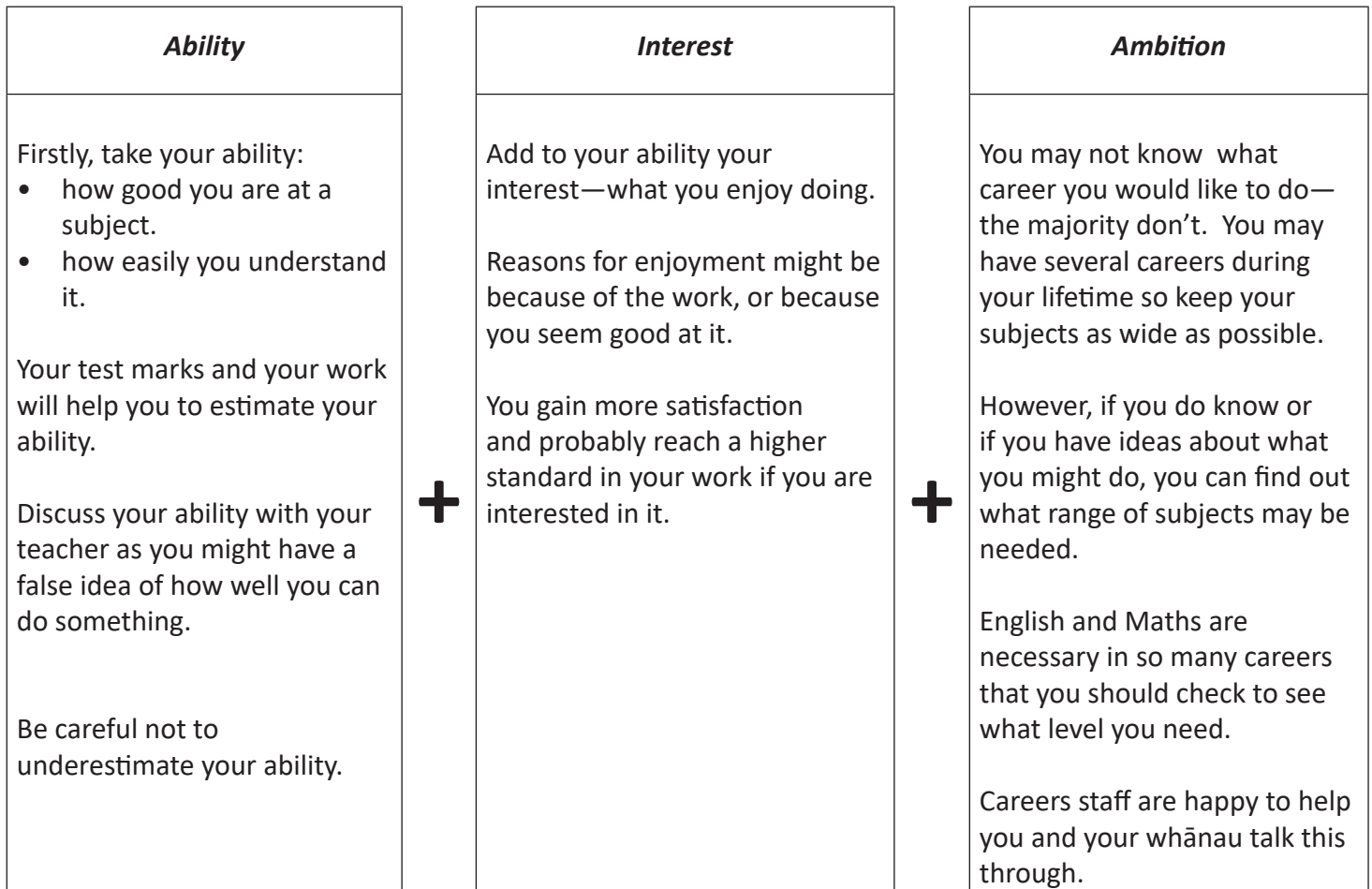
- Do I have enough subjects that continue to Level 3?
- Can I take a Level 3 subject without taking it at Level 2?

Year 12 Students 2026

Choose subjects from the Level 2 and Level 3 lists.

Keep your options open and consider University Entrance qualifications.

USE THIS FORMULA TO CHOOSE YOUR COURSE



LEADS TO



Subject choice

Go through the possible subjects listed. Take a note of possibilities and investigate those subjects thoroughly.

NB: COURSE CHANGES

Any course changes must be made by 1 March. After this, changes will be at the Dean's discretion.

If you need to create a timetable that includes subjects from other year levels or is specific to you in other ways, please email epickering@jameshargest.school.nz

Use the JHC website to access other year level booklets: <https://www.jameshargest.school.nz/subjects/>

QUALIFICATIONS

Exam entry fees are **not** listed under course descriptions as the school has no control over these. Currently only International Students pay NZQA fees.

LEVEL 2

National Certificate of Educational Achievement NCEA Level Two

For a student to be awarded NCEA Level 2, they must achieve 60 credits at Level 2 or higher, plus 20 credits of approved Literacy and Numeracy credits.

LEVEL 3

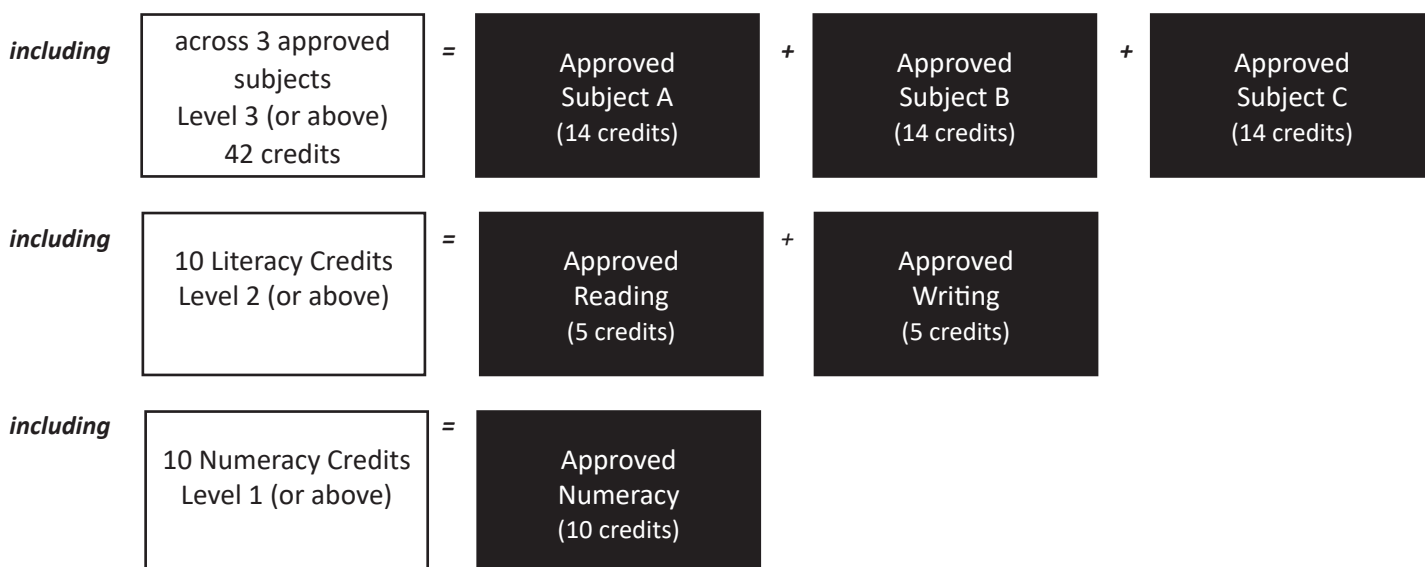
National Certificate of Educational Achievement NCEA Level Three

For a student to be awarded NCEA Level 3, they must achieve 60 credits at Level 3 or higher, plus 20 credits of approved Literacy and Numeracy Standards.

Minimum University Entrance 2027

National Certificate of Educational Achievement Level 3 (80 credits)

(Must achieve 60 credits at Level 3 and the corequisites must also be achieved.)



Each university may choose to rank students according to their Level 2 and Level 3 results depending on the numbers they have applying. Please check the university websites for their latest updates. Some universities have additional criteria for specific courses especially around Science and English credits.

NB: If a Special Assessment Conditions assistant is used as a writer, the credits obtained do not count for Literacy Writing.

University Entrance Approved Subjects that are offered at James Hargest College:

Accounting	Fashion and Design	Painting (Practical Art)
Biology	Food and Nutrition	Photography (Practical Art)
Chemistry	French	Physical Education
Classical Studies	Geography	Physics
Design (Practical Art)	History	Print Making (Practical Art)
Design & Visual Communication	Japanese	Science
Digital Technologies	Mathematics	Spanish
Drama	Mathematics with Calculus	Statistics
Economics	Media Studies	Te Reo Māori
English	Music	

UE can be approved individually in Biology, Chemistry, Physics and Science OR UE can be approved for one subject, also called Science, if 14 credits are gained overall from any combination of Biology, Chemistry, Physics and Science. Eg UE could be awarded for 14 credits gained in Chemistry AND for 14 credits gained from Biology and Physics. UE can be approved individually in Calculus, Statistics and Mathematics OR UE can be approved for one subject also called Mathematics if 14 credits are gained overall from a combination of Statistics and Calculus.

YEAR 11

YEAR 11 STUDENTS 2027

1. All students will choose 6 subjects.**
2. All students must take a course in English, Mathematics and Science.
3. Students may continue with their two Year 10 option subjects and/or choose from the following subjects :

Accounting	Art	Culinary Arts
Design & Visual Communication	Digital Technologies	Drama
Economics	ESOL	Fashion and Design
Food and Nutrition	Geography	Hard Materials Design
Hard Materials Trade	Health and Physical Education	History
Literacy	Media Studies	Music

Please read subject notes for conditions of entry.

****Students studying in the Cambridge class at Year 11 choose two optional subjects alongside their IGCSE classes**

Year 11

The Arts	
Visual Art	3
Drama	
Drama	3
Music	
Music	4
English	
English: Psychology of Self	6
English: Society Explored	7
English: Technology, Machines and the Future	8
English for Speakers of Other Languages (ESOL)	9
Health & Physical Education	
Health and Physical Education	10
Languages	
French	11
Japanese	11
Spanish	12
Te Reo Māori	12

Mathematics & Statistics	
11MXT	13
11MXG	13
11MXB	14
11MXN	14
Science	
11SCC Science Callaghan	16
11SCM Science MacDiarmid	16
11SCW Science Wiffen	17
Social Sciences	
Accounting	18
Economics	18
Geography	19
History	19
Media Studies	20
Technology - Food & Fabrics	
Culinary Arts	21
Fashion and Design	21
Food and Nutrition	22

Technology - Digital	
Digital Technologies: Media	23
Digital Technologies: Programming	23
Technology - Hard Materials	
Design & Visual Communication	25
Hard Materials Design	25
Hard Materials Trade	26
Other	
Literacy	27
Cambridge IGCSE	
Cambridge IGCSE English	28
Cambridge IGCSE Global Perspectives	29
Cambridge IGCSE Mathematics	30
Cambridge IGCSE Co-ordinated Science	31

THE ARTS

Visual Art

Entry Requirements

Open.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Art pack to be purchased from Office Max Online only

A1 Folio card x 1 at a cost of \$3.00

Course Description

This subject provides students with knowledge about making art works and understanding the purposes in which art works are made and valued. A strong career path exists for students looking to a career in Fine Art, Digital Design or Photography.

Students will develop outcomes that reflect on Aotearoa New Zealand's unique surroundings and combine techniques and processes to make artworks. Students will explore painting, photography, design, and printmaking.

Drama

Entry Requirements

Year 10 Drama, or an interest in performance and willingness to act on stage. Entry is at the discretion of the Head of Department.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Course Description

Research reveals the positive impact of Drama on a student's physical, emotional, social and cognitive development. Studying Drama will equip you with a range of skills such as self-confidence, imagination, empathy, co-operation, concentration, communication, problem solving and self-discipline. The skills of Drama are relevant to a variety of fields in school, career and life. Drama gives you the opportunity to express yourself.

Students will develop skills in both scripted and devised performance. They will develop analytical skills in relation to live performance. They will apply drama techniques in a dramatic context and devise and perform a drama. They will demonstrate knowledge of a theatre form in performance and demonstrate understanding of a play that is significant in the development of theatre.

Please note the following:

There is a written component to this course. Drama involves group work and working as a team. You must be prepared to undertake this in fairness to others.

Music

Entry Requirements

Students should have some ability on an instrument (including voice). A basic level of music theory is also required.

If new to the subject at Year 11 approval from the HOD is required.

Note that students taking this subject need to be learning an instrument (including voice) either through the itinerant system, Out of School Music Classes or private lessons and commit to regular practice.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Course Description

Year 11 Music develops high-value, transferable attributes—such as collaborative problem-solving, critical analysis, self-management, and creative reasoning. As a subject centred on communication, music encourages students to express individual identity while developing the confidence to perform, adapt, and innovate within group environments.

Beyond artistic growth, learning to analyse, compose, and refine music strengthens analytical thinking and technical agility, giving students a versatile toolkit that supports success across other NCEA subjects and future pathways.

Key Learning Areas & Practical Applications:

- Performance: Build confidence, stage presence, and teamwork through solo and group performances.

- Composition & Songwriting: Express original ideas while applying creative problem-solving and structured design principles.
- Theory & Analysis: Develop critical listening, visual score interpretation, and analytical skills through set-work studies.
- Music Technology: Gain hands-on digital literacy and technical competency using industry-standard music production software.

ENGLISH

English: Psychology of Self

Entry Requirements

All Year 11 courses will be underpinned by developing the same knowledge and skills for English as a subject, with the fundamentals alongside progression into Year 12 carefully considered. All ability levels will be well supported and extended within each course. Teachers will take into account Year 10 results in planning courses to ensure the needs of students are met.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

NCEA Achievement Standard 1.4 - Demonstrate understanding of significant aspects of unfamiliar texts. All assessments contribute to the JHC Brigadier's Diploma.

Cost

Course Description

"Maybe a person is just made up of a lot of people," I say. "Maybe we're accumulating these new selves all the time."

— Jandy Nelson, *I'll Give You the Sun*

For students who are interested in creating and analysing texts that explore the inner world and thoughts of people and characters: the ways people are influenced, how they think, feel, and change.

This could include:

- Exploring the theme of identity and ways in which people express themselves
- Unpacking motivational content
- Analysing how/why people and characters do things and make decisions

E huri tō aroaro ki te rā
tukuna tō ataarangi
ki muri i a koe

Turn and face the sun
and let your shadow fall
behind you

English: Society Explored

Entry Requirements

All Year 11 courses will be underpinned by developing the same knowledge and skills for English as a subject, with the fundamentals alongside progression into Year 12 carefully considered. All ability levels will be well supported and extended within each course. Teachers will take into account Year 10 results in planning courses to ensure the needs of students are met.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

NCEA Achievement Standard 1.4 - Demonstrate understanding of significant aspects of unfamiliar texts.
All assessments contribute to the JHC Brigadier's Diploma.

Cost

Course Description

“There is always light, if only we’re brave enough to see it. If only we are brave enough to be it.”
– Amanda Gorman

For students who are interested in creating and analysing texts that explore the connections between people, animals and nature: power, relationships, and action for change

This could include:

- The language and structure of persuasion
- Context of texts and the relationships to the world we live in
- Power dynamics and the impact an individual can have

Tangata ako ana i
te kāenga, te tūranga ki
te marae, tau ana

A person nurtured in the
community contributes
strongly to society

English: Technology, Machines and the Future

Entry Requirements

All Year 11 courses will be underpinned by developing the same knowledge and skills for English as a subject, with the fundamentals alongside progression into Year 12 carefully considered. All ability levels will be well supported and extended within each course. Teachers will take into account Year 10 results in planning courses to ensure the needs of students are met.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

NCEA Achievement Standard 1.4 - Demonstrate understanding of significant aspects of unfamiliar texts.
All assessments contribute to the JHC Brigadier's Diploma.

Cost

Course Description

“Science and technology multiply around us. Either we use those languages, or we remain mute.”
— J.G. Ballard

For students who are interested in creating and analysing texts that explore how technology and mechanics impact humanity on an individual and societal level, both in the present and potentially in the future

This could include:

- Moral and ethical reasoning
- Development of certain technologies
- The impact of social media

He rangi tā matawhāiti,
he rangi tā matawhānui

A person with narrow vision
has restricted horizon;
a person with wide vision
has plentiful opportunities

English for Speakers of Other Languages (ESOL)

Entry Requirements

At the discretion of the Teacher in Charge of ESOL. Students will take this course if they have not gained the Level 1 Literacy and/or Numeracy credits. This course is appropriate for International Students.

Qualifications

NCEA Level 1 Literacy credits (5 Reading and 5 Writing) and Numeracy (10 credits).

Year 11 - JHC Brigadier's Diploma.

Assessment

Class assessments and English Language Unit Standards Level 1 provide the grades for ESOL in the Brigadier's Diploma.

Cost

Course Description

This course is for students whose first language is not English and are still developing their English language. Strong English skills provide the foundation for coping with all areas of the curriculum. They also enable students to participate effectively in extra-curricular and social activities.

HEALTH AND PHYSICAL EDUCATION

Entry Requirements

Open.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

Up to 7 assessments over the course of the year both practical and written. All assessments contribute to the JHC Brigadier's Diploma.

Cost

Approximately \$45 for write on workbooks and contribution towards use of outside facilities or facilitators.

Course Description

This course provides practical skills and knowledge necessary for everyday living. No matter what you choose to do in the future, these skills are essential for life.

This is a 4 hours per week course covering practical and theoretical aspects of Health and Physical Education.

Physical Education focuses on practical development of skills, factors affecting skill development, participation and exercise science.

Health Education focuses on strategies for promoting positive health, within the contexts of drug education, sexuality and well being.

LANGUAGES

French

Entry Requirements

Year 10 French or discretion of HoD of Languages.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

Class topic assessments, one NCEA Internal, and school examination results provide the grades for French in the Brigadier's Diploma.

Cost

Grammar Book \$35 - one of purchase for Year 11, Level 2 and Level 3

Course Description

Year 11 French builds on topics covered in Years 9 and 10 and extends students' knowledge and skill base across reading, writing, listening and speaking. A variety of cultural activities are included in the course including food, French and French-speaking countries, festivals and celebrations in France. There are opportunities for extension through participation in language competitions.

Japanese

Entry Requirements

Year 10 Japanese or discretion of the Languages Head of Department.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

Class topic assessments, one NCEA Internal, and school examination results provide the grades for Japanese in the JHC Brigadier's Diploma.

Cost

Course Description

Using the knowledge gained in Year 9 and 10, this course will cover more vocabulary, sentence structures and kanji in preparation for NCEA Level 2 the following year. The three main topics studied are My People, My Day and My Holidays. You will continue to improve your reading, writing, listening and speaking skills.

Spanish

Entry Requirements

Year 10 Spanish or at the discretion of the Head of Department.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

Class topic assessments, one NCEA Internal, and school examination results provide the grades for Spanish in the Brigadier's Diploma.

Cost

Course Description

The aims are to understand, speak, read and write simple Spanish. A variety of topics are covered leading on from Year 10. The students will revisit and extend on the topics of Mi Familia, Tiempo libre, Rutina diaria, Mi ciudad, El cole and Mi pueblo. The topic of Holidays will be introduced and studied in depth. Students will learn how to use colloquial Spanish and read a range of Spanish texts. There is a prescribed list of vocabulary and grammar to be covered. There is also the opportunity to participate in STANZA National Speech Competition, Education Perfect Language Championships and a Spain Trip with a home stay for a month if possible.

Te Reo Māori

Entry Requirements

Year 10 Te Reo Māori or at the discretion of the Head of Department.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

Class topic assessments, one NCEA Internal, and school examination results provide the grades for Te Reo Māori in the Brigadier's Diploma.

Cost

Course Description

The Year 11 Te Reo Māori course aims to develop speaking, writing, reading and listening skills that align with the Year 11 language grammar progressions. Topics covered in this course include pepeha, mihi, history of Te Reo, Matariki, whānau and kura. There is also an opportunity for students to participate in our regional Manu Kōrero Speech competitions. Kia kaha, kia maia, kia manawanui tātou ki te ako i te reo Māori.

MATHEMATICS AND STATISTICS

11MXT

Entry Requirements

US32406 Numeracy Corequisite passed

A good number of Consolidation, Proficient and Exceeding grades in topic tests.

Qualifications

Pathway to all Level 2 Mathematics courses.

Year 11 - JHC Brigadier's Diploma.

Assessment

Internal: Trigonometry, Geometric reasoning, Algebra (MCAT), Measurement reasoning, Tables, Graphs and Equations.

External: AS91947 (1.4) Mathematical Reasoning.

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Write on workbook approximately \$20

Course Description

This course is designed for those who intend continuing on with Mathematics at level 2 and Calculus and Statistics at Level 3. Many of the topics that have been met in Year 10 are continued. Algebra, geometry and trigonometry are developed further, along with graphs. There is an emphasis on applications, information processing and in particular, mathematical reasoning. Regular homework is set. It is essential to have a graphics calculator. This course is a must for those interested in degree level Engineering.

11MXG

Entry Requirements

US32406 Numeracy corequisite passed.

A good number of Developing and Consolidation grades in topic tests.

Qualifications

Pathway to L2MXB and L2MXG.

Limited pathway (Excellence) to L2LXA.

Year 11 - JHC Brigadier's Diploma.

Assessment

Internals: Trigonometry, Number, Level 1 Algebra (MCAT), Linear Algebra, Tables, Graphs and Equations, Probability.

NCEA internals: AS91947 (1.2) Mathematical methods.
All assessments contribute to the JHC Brigadier's Diploma.

Cost

Write on workbook approximately \$20

Course Description

This course is also designed for those who intend continuing on with Mathematics or Statistics at Levels 2 and 3.

Many of the topics that have been met in Year 10 are continued. There is an emphasis on solving problems involving number, trigonometry, geometry and graphs. Regular homework is set. It is necessary to have a graphics calculator.

11MXB

Entry Requirements

US32406 Numeracy corequisite passed.

Qualifications

Pathway to L2MXB.

Limited pathway (Excellence) to L2MXG.

Year 11 - JHC Brigadier's Diploma.

Assessment

Internals: Trigonometry, Number, Probability, Basic Algebra, Linear Algebra.

NCEA Internals: AS91945 (1.2) Mathematical methods.

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Write on workbooks approximately \$20.

Course Description

This course is intended for students with the Numeracy corequisite (US32406) who wish to apply their Mathematics and are considering Level 2 Mathematics.

Many of the topics met in Year 10 are continued. This course involves practical trigonometry, number, basic algebra, measurement and statistics. There will be an emphasis on Statistics. It is essential to have a scientific calculator.

11MXN

Entry Requirements

For students who need more support to achieve the Numeracy corequisite (US32406) as recommended by the Head of Mathematics.

Qualifications

Pathway to 11MXB (in Year 12).

Year 11 - JHC Brigadier's Diploma.

Assessment

Internal: Number, Geometry and Measurement, Patterns , Graphs and Relationships, Statistics and Probability.

External: US32406 CAA Available twice per year.

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Write on workbook approximately \$29

Course Description

This course is designed for those students who require extended support gaining the Numeracy corequisite (US32406) for NCEA. This course deals with the familiar strands of Mathematics: Number, Geometry, Measurement, Statistics and Probability. The level of Mathematics focuses on applying numeracy. It is essential to have a scientific calculator.

SCIENCE

11SCC Science Callaghan

Entry Requirements

Recommendation by Head of Department based on performance in Year 10 Science and literacy and numeracy CAA achievement.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Write on workbooks approximate cost \$12.

Course Description

Science is an essential part of modern life. This course will help students to understand the world better. It is the basis of a huge range of career options. The Year 11 course allows entry into Year 12 Biology, Chemistry, Physics and Science.

There are three courses available in Year 11 Science. Each course is assessed differently.

This course is designed for students who would find a full course of Science challenging due to the demands of literacy and numeracy.

11SCM Science MacDiarmid

Entry Requirements

Open.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Write on workbooks approximate cost \$12.

Course Description

Science is an essential part of modern life. This course will help students to understand the world better. It is the basis of a huge range of career options. The Year 11 course allows entry into Year 12 Biology, Chemistry, Physics and Science.

There are three courses available in Year 11 Science. Each course is assessed differently.

This course is designed for students who may intend to go on to further study in Level 2 Science, Biology, Chemistry or Physics.

11SCW Science Wiffen

Entry Requirements

Success in Year 10 Science

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Write on workbooks approximate cost \$12.

Course Description

Science is an essential part of modern life. This course will help students to understand the world better. It is the basis of a huge range of career options. The Year 11 course allows entry into Year 12 Biology, Chemistry, Physics and Science.

In 2024 all courses will be trailing new material offered in Year 11 but this will not affect assessment. There are three courses offered in Level 1 Science. Talk to your teacher for advice on which one is most suited for you.

This course is designed for students who intend to study Level 2 Biology, Chemistry or Physics and may wish to study at University.

SOCIAL SCIENCES

Accounting

Entry Requirements

Reasonable level of literacy and numeracy skills.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Students may be required to purchase a write-on workbook at a cost of \$15.

Course Description

In this course students develop an understanding of producing Income Statements, Statements of Financial Position, along with Cashflow and Budgets for a range of people. They will learn how to analyse these statements and write a report for those stakeholders who need to understand them. Students will also develop their decision making skills, and learn about concepts such as kaitiakitanga and pūtake.

Economics

Entry Requirements

Open.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

Students will be assessed against common school assessments to prepare them to undertake the study of Economics at NCEA Level 2 the following year. All assessments contribute to the JHC Brigadier's Diploma.

Cost

Students will be asked to purchase write-on workbooks at a cost of around \$30.

Course Description

The course will cover material that is both valued by our local community, and inspires and prepares students for future study in Economics.

Topics will include:

1. Scarcity and consumer choice
2. Economic decision making

3. Personal financial management
4. Consumer demand
5. Business case study
6. Producer supply
7. Market equilibrium
8. Economic impact of events

Geography

Entry Requirements

Open.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

All assessments contribute to the JHC Brigadier's Diploma.

Cost

There will be two fieldtrips

- to Queenstown – approx. cost of \$55
- to explore local river processes – cost TBC

Course Description

This course develops an understanding of the physical and social world that we live in. There are four topics;

- Fluvial Processes - how do rivers shape our environment and why are they so important?
- Extreme Natural Events – how extreme phenomena occur and their effect on people and the environment.
- Sustainability/Decision Making – how natural and cultural environments are affected by resource use.
- Geographic Research – learn how to conduct research and present data.

History

Entry Requirements

Open.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Course Description

The topics covered at Year 11 are designed to help you develop a passion for this wonderful subject. They include a mixture of global and New Zealand-based topics, and will also be used to equip you with skills and knowledge to answer challenging questions about society. In Year 11 you will also be attending a field trip to develop key research and historiographic skills, as well as observing the impacts of historical processes and events on modern society.

The key tasks are:

- An historical research task of significance to NZ
- Communication of the historical research topic
- An essay describing the causes and consequences of an historical event
- A long-answer paper interpreting historical sources

Media Studies

Entry Requirements

Open.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

4 major assessments that all contribute towards the JHC Brigadier's Diploma.

Cost

Course Description

A critical understanding of media and how it works is becoming an increasingly important skill in our media-saturated world. This is a subject for students who are interested in learning about the media - including movies, TV, video games, print media (newspapers/magazines), the music industry, streaming platforms, the internet and more. In this course we examine how the media has social, political, ideological, cultural and economic impacts on individuals and the world. Students also have the opportunity to create their own short films and put the theory into practice.

TECHNOLOGY - Food and Fabrics

Culinary Arts

Entry Requirements

Open

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

All assessments contribute to the JHC Brigadier's Diploma.

Cost

\$240 per year for food consumed / taken home.

\$50 write on workbooks.

Course Description

This course focusses on the practical skills of cookery and food presentation when used in the food industry.

Topics include:

- Cookery 1: Fruits and Vegetables, Eggs and Cheese, Meat Cookery
- Cookery 3: Hot Finger Food, Sauces and Soups, Cake, Sponges and Scones, Use and Care of Knives

This course comprises both written and practical work.

Those students looking towards a practical career working in the Cookery or Hospitality industry may consider taking Culinary Arts either in conjunction with Food and Nutrition or as an alternative. Food and Nutrition has an academic focus.

Fashion and Design

Entry Requirements

Year 10 Fashion and Design is recommended or approval from the Head of Department

Qualifications

Year 11 - JHC Brigadier's Diploma

Assessment

All assessments contribute to the JHC Brigadier's Diploma.

Cost

\$30 for take home materials.

Students will also be required to supply their own fabric for projects.

Course Description

This course consists of three units of learning:

- Pattern adaptation where students learn how to change a pattern and use this to construct a basic garment such as shorts.
- Garment Construction which involves students testing and trialing ideas through to the construction of the finished garment.
- Textiles design where students develop and produce a product for a nominated purpose.

In this subject students learn how to use the design process to develop and produce garments, outfits or textile products for specific purposes. Students will develop knowledge and skills in planning, design, fashion drawing, pattern making, fit, construction, textiles, and creativity and in developing a portfolio. Design competitions offer extension and an opportunity to express creative talents. Beyond school there are several degree and diploma courses at Universities and Polytechnics. This subject leads on to careers in Fashion and Design, marketing, business, product development and textile research.

Food and Nutrition

Entry Requirements

Open.

Proficiency in reading and writing at Year 10.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

Internally assessed - all assessments contribute to the JHC Brigadier's Diploma.

Cost

\$170 for food consumed/taken home.

Course Description

This course consists of 4 units of learning:

- Food safety - when handling food and preparing meals
- Food for teenagers - apply knowledge of nutrition to the planning, preparation and service of food
- Societal influences - how these impact on an individual's food choices and well-being
- Food Packaging - how this influences food choices and well-being.

Food and Nutrition develops knowledge and skills about food choices and food preparation to enhance well-being and the health of people throughout their lives. This subject leads to careers in health, food and nutrition, food technology and catering. Various avenues for study at tertiary level are possible.

Those students looking towards a practical career working with food may consider taking Culinary Arts either in conjunction with Food and Nutrition or as an alternative. Food and Nutrition has an academic focus.

TECHNOLOGY - Digital

Digital Technologies: Media

Entry Requirements

Open.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Course Description

Design and Visual Communication is a subject where students solve real world design problems. They do this by using a combination of Computer drawing (CAD) and sketching to visually communicate their design thinking. This course focuses on designing, computer drawing (CAD), modelling, rendering and 2D & 3D sketching. It will prepare students for Level 2 NCEA DVC. Design assignments are:

- Bus Shelter
- Moisture Meter
- Backpack

Assessments will be based on parts of the design assignments and spread throughout the year.

Digital Technologies: Programming

Entry Requirements

Study of this subject in Year 10 is preferred.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Course Description

This course will give you a strong foundation in logical programming, giving you practical knowledge for a variety of future careers. You will learn core skills in Data Management, Design Process, and Interface Usability.

Digital Technologies Programming dives into the languages that power modern tech and concepts that drive them. You'll work with Python, web languages (HTML, CSS, JavaScript, PHP), SQL website-databases, electronics with Arduino, and Game Development with Godot.

There is one 5-credit internal assessment to prepare you for NCEA Level 2.

TECHNOLOGY - Hard Materials

Design and Visual Communication

Entry Requirements

Open.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Course Description

Design and Visual Communication is a subject where students solve real world design problems. They do this by using a combination of Computer drawing (CAD) and sketching to visually communicate their design thinking.

This course focuses on designing, computer drawing (CAD), modelling, rendering and 2D & 3D sketching. It will prepare students for Level 2 NCEA DVC.

Design assignments are:

- Bus Shelter
- Moisture Meter
- Backpack

Assessments will be based on parts of the design assignments and spread throughout the year.

Hard Materials Design

Entry Requirements

Open.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

All assessments contribute to the JHC Brigadier's Diploma.

Cost

There will be a cost which varies for materials used in take home projects.

Course Description

Hard Materials Design will suit those students who enjoy overcoming design issues. Students will work through a problem solving process which explores the design process and manufacture of high quality solutions.

Through challenging project briefs, students are encouraged to design and produce innovative solutions encompassing processes and materials from all areas of the workshop.

Hard Materials Trade

Entry Requirements

Open.

Qualifications

Year 11 - JHC Brigadier's Diploma.

Assessment

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Cost of material used in take home projects (approximately \$130).

Course Description

The foundation for many Hard Materials Trade related courses begins with learning a range of practical skills in the school workshop.

Hard Materials Trade will suit those students who enjoy the practical aspect of the Hard Materials course. Students will develop a good level of basic Industry skills in both the wood and engineering environments. This is a practical based course which will allow students to gain skills and confidence in two specialist areas of the workshop:

- Woodwork and Furniture Making
- Mechanical Engineering

OTHER

Literacy

Entry Requirements

This course is best suited for students who are still working towards achieving their Literacy CAAs in Reading and / or Writing.

Qualifications

Working towards Literacy CAAs in Reading and / or Writing in order to be endorsed with NCEA Qualifications when gained at Level 2 and 3.

Assessment

Literacy Reading CAA (5 credits)

Literacy Writing CAA (5 credits)

Cost

Course Description

This course focusses on supporting students with literacy fundamentals that support achievement across the curriculum and in life.

This includes:

- The Writing Process: planning, drafting, editing
- Exploring purposes in texts
- Text types
- Structure of texts
- Author Point of View
- Intended Audience
- Identifying and Ordering Main Ideas
- Making Sense of Unknown Words
- Language Features
- Syntax
- Applying learning to a range of reading and writing tasks
- Study Skills - how do I prepare myself for the CAAs?

CAMBRIDGE IGCSE

Cambridge IGCSE English

Entry Requirements

Students must have been in the IGCSE Class in Year 10.

Qualifications

Cambridge IGCSE English Language and English Literature.

Year 11 - JHC Brigadier's Diploma.

Assessment

At the end of the year students will sit 5 IGCSE exams for English:

- English Language - Reading and Writing.
- English Literature - Poetry and Prose, Drama, and Unseen.

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Payment plans continue from Year 10 if not already paid off, with full payment required by July.

Course Description

The Language side of the course enables learners to:

- Develop the ability to communicate clearly, accurately and effectively when speaking and writing
- Use a wide range of vocabulary, and the correct grammar, spelling and punctuation
- Develop a personal style and an awareness of the audience being addressed
- Develop more general analysis and communication skills such as inference, and the ability to order facts and present opinions effectively.

Learners are also encouraged to read widely, both for their own enjoyment and to further their awareness of the ways in which English can be used.

The Literature side of the course enables learners to read, interpret and evaluate texts through the study of literature in English. Learners develop an understanding of literal meaning, relevant contexts and of the deeper themes or attitudes that may be expressed. Through their studies, they learn to recognise and appreciate the ways in which writers use English to achieve a range of effects, and will be able to present an informed, personal response to the material they have studied.

The Literature syllabus also encourages the exploration of wider and universal issues, promoting learners' better understanding of themselves and of the world around them.

Cambridge IGCSE Global Perspectives

Entry Requirements

Students must have been in the IGCSE Class in Year 10.

Qualifications

Cambridge IGCSE Global Perspectives.

Year 11 - JHC Brigadier's Diploma.

Assessment

During the year students will submit coursework that is sent to Cambridge.

At the end of the year students will sit one IGCSE exam for Global Perspectives.

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Payment plans continue from Year 10 if not already paid off, with full payment required by July.

Course Description

Cambridge IGCSE Global Perspectives encourages learners to think about and explore solutions to significant global issues.

The syllabus:

- Develops learners' ability to consider significant global issues from different perspectives
- Encourages learners to work collaboratively and individually and to apply their knowledge in different contexts
- Develops transferable skills to complement learning in other curricular areas

Cambridge IGCSE Mathematics

Entry Requirements

Students must have been in the IGCSE Class in Year 10.

Qualifications

Cambridge IGCSE Global Perspectives.

Year 11 - JHC Brigadier's Diploma.

Assessment

During the year students will submit coursework that is sent to Cambridge.

At the end of the year students will sit one IGCSE exam for Global Perspectives.

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Payment plans continue from Year 10 if not already paid off, with full payment required by July.

Course Description

Cambridge IGCSE Global Perspectives encourages learners to think about and explore solutions to significant global issues.

The syllabus:

- Develops learners' ability to consider significant global issues from different perspectives
- Encourages learners to work collaboratively and individually and to apply their knowledge in different contexts
- Develops transferable skills to complement learning in other curricular areas

Cambridge IGCSE Co-ordinated Science

Entry Requirements

Students must have been in the IGCSE Class in Year 10.

Qualifications

Cambridge IGCSE Co-ordinated Sciences (Double Award).

Year 11 - JHC Brigadier's Diploma.

Assessment

At the end of the year students will sit 3 IGCSE exams for Science:

- Co-ordinated Sciences - Theory.
- Co-ordinated Sciences - Alternative to Practical.
- Co-ordinated Sciences - Multiple Choice.

All assessments contribute to the JHC Brigadier's Diploma.

Cost

Payment plans continue from Year 10 if not already paid off, with full payment required by July.

Course Description

Cambridge IGCSE Co-ordinated Sciences (Double Award) gives learners the opportunity to study Biology, Chemistry and Physics, each covered in separate syllabus sections. It is a double award qualification, earning two grades.

The syllabus:

- Helps learners to understand the biological and technological world in which they live, and take an informed interest in science and scientific developments
- Includes the basic principles and concepts that are fundamental to science, some current applications of biology, chemistry and physics, and a strong emphasis on practical skills
- Helps learners also develop an understanding of the scientific skills essential for progression to Cambridge International AS & A Levels, further education or a career related to science.



Mission Statement

**Our Mission is to equip all
our students to create the best
possible future for themselves
and their world.**



Vision

Tirohanga

Our vision is to foster healthy all-round development and personal success in an environment informed by the principles of manaakitanga.

This means helping young people build their personal identity and hauora in a context of strong communal values (The Hargest Way).

It involves encouraging participation, connectedness and whanaungatanga through a range of service, cultural, sporting and leadership opportunities.

Personal success is fostered by a strong academic focus and the pursuit of excellence in its broadest sense, through responsive, supportive programmes and staff working on the principles of ako.

We aspire to provide education of superb quality, in partnership with our wider community.



The James Hargest College core values are:

We respect each other

Ka manaakitia tētahi ki tētahi

We treat all people fairly

Ka mihia tika te iwi katoa

We are honest

Tino mahi pono mātou

We work hard

Tino kaha tō mātou mahi

We are responsible for all we do

*Ka whakautu tūtika mātou ki ngā
kaupapa katoa*

We take care of our environment

Tiakina tō mātou nohonga taiao

Hargest Way Reports are sent home every three weeks. They report on the following values:

Effort looks like:

Completes work to a high personal standard in a timely manner. Brings all equipment to class.

Demonstrates a self disciplined attitude to all activities.

Persists when learning is difficult.

Actively listens to teacher explanations and instructions.

Participates in group and class activities.

Respect looks like:

Shows respect for self, others and all property.

Treats others fairly, listens and responds to different opinions respectfully.

Is honest and takes responsibility for all actions.

Uses appropriate and respectful language.

Is on time and wears the uniform correctly.

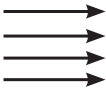
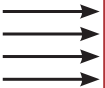
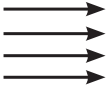
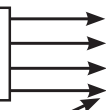
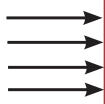
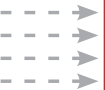
Subject Codes 2027

ACC	Accounting	FDN	Fashion and Design
ARD	Visual Arts: Design (Lev 2, 3)	FNT	Food and Nutrition
ARM	Visual Arts: Printmaking (Lev 2, 3)	FRE	French
ARO	Visual Arts: Photography (Lev 2, 3)	GAT	Gateway (Lev 2, 3)
ARP	Visual Arts: Painting (Lev 2, 3)	GEO	Geography
ART	Visual Arts: (Y11)	HEA	Health (Lev 2)
BCN	Building and Construction (Lev 2)	HIS	History
BIO	Biology (Lev 2, 3)	HMD	Hard Materials Design
BUS	Business Studies (Lev 2)	HMT	Hard Materials Trade (Y11)
CHE	Chemistry (Lev 2, 3)	HPE	Health and Phys Ed (Y11)
CHD	Child Care & Development (Lev 2)	JPN	Japanese
CLS	Classical Studies (Lev 2, 3)	MAC	Calculus (Lev 3)
CIE	Cambridge IGCSE English (Year 10, 11)	MAO	Maori
CIG	Cambridge IGCSE Global Perspectives (Year 10, 11)	MAT	Mathematics (Yr 9, 10)
CIM	Cambridge IGCSE Mathematics (Year 10, 11)	MEN	Mechanical Engineering (Lev 2, 3)
CIS	Cambridge IGCSE Science (Year 10, 11)	MED	Media Studies
CUL	Culinary Arts	MUS	Music Studies
CSC	Cambridge AS Chemistry (Year 12)	MXA	Mathematics A (Lev 2)
CSE	Cambridge AS English (Year 12)	MXB	Mathematics B (Y11, Lev 2)
CSB	Cambridge AS Biology (Year 12)	MXG	Mathematics G (Y11, Lev 2)
CSP	Cambridge AS Physics (Year 12)	MXN	Mathematics Numeracy (Y11)
CSM	Cambridge AS Mathematics (Year 12)	MXT	Mathematics (Y11)
DGB	Digital Technologies (Beginners) (Lev 2, 3)	ODR	Outdoor Education (Lev 2)
DGM	Digital Technologies Media	PED	Physical Education (Lev 2, 3)
DGP	Digital Technologies Programming	PHY	Physics (Lev 2, 3)
DGT	Digital Technologies (Year 9, 10)	SCC	Science Callaghan (Y11)
DRA	Drama	SCM	Science MacDiarmid (Y11)
DVC	Design & Visual Communication	SCW	Science Wiffen (Y11)
ECO	Economics	SCI	Science (Lev 2, 3)
ELE	Electronics (Lev 2)	STA	Statistics A (Lev 3)
ENP	English - Psychology of Self (Y11)	STB	Statistics B (Lev 3)
ENS	English - Society Explored (Y11)	SPA	Spanish
ENT	English - Technology, Machines and the Future (Y11)	TOU	Tourism (Lev 2, 3)
ENA	English A (Lev 2)	TRA	Transition (Lev 2)
ENB	English B (Lev 2, 3)		
ENC	English C (Lev 2)		
ENW	English Written (Lev 3)		
ENV	English Visual (Lev 3)		
ENL	English Literacy		
ESL	English as a Second Language		
ENG	English (Year 9,10)		

Learning pathways

All subjects in **red** are compulsory

This is a guide only. See our annual subject booklets for senior subject pre-requisites. (Note: courses may be combined or not run if there are insufficient numbers).

	Year 9 & 10	Year 11	NCEA Level 2	NCEA Level 3
Art (Visual Arts)	Art	Art 	Art Design Art Painting Art Photography Art Printmaking 	Art Design Art Painting Art Photography Art Printmaking
Drama	Drama	Drama 	Drama 	Drama
English	English ESOL	English Psychology of Self English Society Explored English Technology, Machines and the Future ESOL  	English A English B English C  ESOL 	English Written A or English Visual A English B ESOL
Food & Fabric	Fashion & Design Food & Nutrition	Culinary Arts  Fashion & Design Food & Nutrition 	Culinary Arts Childcare & Development Fashion & Design Food & Nutrition  	Culinary Arts Fashion & Design Food & Nutrition
Languages	French Japanese Spanish Te Reo Māori	French Japanese Spanish Te Reo Māori 	French Japanese Spanish Te Reo Māori 	French Japanese Spanish Te Reo Māori
Mathematics & Statistics	Mathematics	Mathematics T Mathematics G Mathematics B Mathematics N 	Mathematics A Mathematics G Mathematics B 	Calculus Statistics A Statistics B
Music	Music	Music 	Music 	Music
Health & Physical Education	Health & Physical Education	Health & Physical Education 	Physical Education Health Education 	Physical Education
Science	Science	Science (MacDiarmid) Science (Wiffen)  Science (Callaghan) 	Biology Chemistry Physics Science 	Biology Chemistry Physics Science
Social Sciences	Social Studies	Accounting  Economics Geography History Media Studies 	Accounting Business Studies  Economics Geography History Media Studies Tourism Classical Studies 	Accounting - Economics Geography History Media Studies Tourism Classical Studies
Technology	Design and Visual Communication Digital Technologies Hard Materials Design	Design and Visual Communication  Digital Technologies Media Digital Technologies Programming Hard Materials Design Hard Materials Trade  	Design and Visual Communication Digital Technologies (Beginners) Digital Technologies Media Digital Technologies Programming Electronics Hard Materials Design Building & Construction Mechanical Engineering  	Design and Visual Communication Digital Technologies (Beginners) Digital Technologies Media Digital Technologies Programming Hard Materials Design Mechanical Engineering
Other		Literacy	Outdoor Education Transition Skills Literacy	Literacy

Key

leads to and is a prerequisite

leads to but is not a prerequisite — — — ➔