

AUCKLAND GIRLS' GRAMMAR SCHOOL
PER ANGUSTA AD AUGUSTA



Year 10 Course Booklet 2017

Name: _____

ABBREVIATIONS USED

AS	Achievement Standards
US	Unit Standards
NCEA L1	National Certificate of Educational Achievement Level 1
NCEA L2	National Certificate of Educational Achievement Level 2
NCEA L3	National Certificate of Educational Achievement Level 3
NC	National Certificate – specialised E.g. National Certificate in Computing Level 2
LPC	Learning Programme Co-ordinator
FC	Faculty Co-ordinator
TBC	To be confirmed



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AUCKLAND GIRLS'
GRAMMAR SCHOOL
PER ANGUSTA AD AUGUSTA

September 2016

Dear Students, Parents and Caregivers

Over the next few weeks you will be making decisions on subject choices for next year. This course booklet provides information to assist you to make the appropriate course selection. It outlines the curriculum offered at Auckland Girls for Years 10 to 13, including possible course pathways, and individual subject descriptions, along with subject prerequisites and the credits offered towards qualifications.

We have a commitment to preparing our students for the future by offering a wide range of courses that lead to national qualifications and awards, in particular the National Certificate of Educational Achievement (NCEA). We also acknowledge the importance of catering for the individual needs of our students, by suggesting alternative pathways where this is appropriate.

We encourage students to study a broad range of subjects from several different curriculum areas, for as long as possible. Diversity of subject choice will support changes in direction and better prepare students for the expectations of tertiary institutions. It is also important to plan educational pathways with care, ensuring that special requirements for qualifications, such as literacy and numeracy, are fulfilled.

I hope that you find this booklet useful in guiding your decision making. Further advice and guidance is available from the Deputy Principals, Faculty Coordinators, Deans, and the Careers Advisor at school.

E. Thomson
Principal



STAFF TO SEE FOR ADVICE

ARTS	Ms Moller (FC) & Director of Music Ms Dugdale - Visual Arts Ms Sullivan - Dance Ms Smith-Roy - Drama Ms N Hayes - Media
CAREERS/STUDENT SUPPORT	Mrs Hames (Careers Advisor) Ms Larsen (Learning Centre) Ms Hale and Ms Fletcher (Gifted & Talented Coordinators)
ENGLISH	Mr Morgan (FC)
LANGUAGES	Ms Malins (FC)
MATAURANGA MAORI	Koka Rhonda Tibble (FC)
MATHEMATICS & ACCOUNTING	Ms Kerr (FC)
PHYSICAL EDUCATION	Mrs Holmes (FC)
SCIENCE	Ms Denny (FC) Ms Dammers - Biology Ms Tudor - Chemistry Ms Arthur - Science Ms Rhode - Physics
SOCIAL SCIENCES	Miss Rhodes (FC) & History Miss Aitkens - Geography Ms Wilson - Social Studies / Classics Ms Sturme - Economics / Business Studies
TECHNOLOGY	Mr Hawkins (FC) Ms Langlands - Technology Digital Design Ms Saipaia - Food Technology
VOCATIONAL PATHWAYS	Ms Fatialofa-Patolo (Co-ordinator)
SENIOR COURSE ADVISOR	Ms Rhode
PASIFIKA ACHIEVEMENT COORDINATOR	Ms Peters
DEANS 2015	Mrs V Faka'osi (Year 9) Mrs Lee-Cooper (Year 10) Ms New (Year 11) Ms Houpapa (Year 12) Ms Becker (Year 13) Ms Sturme (International) Koka Rhonda Tibble (Kahurangi)
DEPUTY PRINCIPALS	Ms Flannery - Teaching and Learning Ms Lamberton – Curriculum and Assessment
ASSOCIATE PRINCIPAL	Ms Hatch
PRINCIPAL	Ms Thomson

Course Structure

Note: Courses will only be offered if there are sufficient numbers.

		Year 9	Year 10	Year 11
	Arts	Visual Art * Drama/Dance* Music*	Visual Art(*) Dance* Drama(*) Media Studies* Music(*)	Visual Art Dance Design (Practical Art) Drama Media Studies Music Photography
	English	English - English Advanced - English - English Enrichment	English - English Advanced - English - English Enrichment	English - English Advanced - English - English Enrichment
	Health & PE	Physical Education and Health	Sports Performance Physical Education and Health* Health Studies*	Sports Leadership Health Studies
	Languages	Chinese French Japanese Samoan	Chinese French Japanese Samoan	Chinese French Japanese Samoan Lea Faka-Tonga
	Māori	Te Reo Maori Te Reo Rangatira	Te Reo Maori Te Reo Rangatira	Te Reo Maori Te Reo Rangatira
	Mathematics	Mathematics - Mathematics Advanced - Mathematics - Mathematics - Numeracy	Mathematics - Mathematics Advanced - Mathematics - Mathematics - Numeracy	Accounting Mathematics - Mathematics Advanced - Mathematics - General Mathematics - Practical Mathematics Computer Science*
	Science	Science	Science* Body Story* Electronics* Extreme Earth & Space* Science & Food*	Science - Biochemical Science - Science for Life - Hands on Science - Earth & Space Science* - Electronics* - Physical Science*
Key: Text in Bold = Compulsory curriculum * = one semester course (*) = semester or full year course	Social Science	Social Studies*	Social Studies Enterprise Studies* Money Matters* Philosophy*	Business Studies Economics Geography (*) General Social Studies History(*) Philosophy*
	Technology	Technology*	Architectural Design* Computing Technology * Food Technology * Product Technology * Textiles Technology *	Design & Visual Communication Computing Technology Food Technology Textiles Technology
				Global Thinking(*) Healthy Lifestyles (*)



Year 12	Year 13	Multi Level Courses
Art History Dance Design (Practical Art) Drama Media Studies Music Painting Photography	Art History Dance Design (Practical Art) Drama Media Studies Music Painting Photography	Music Performance Pasifika Arts and Crafts*
English - English Advanced - English - English Enrichment Part 1 (Year 12) - English Enrichment Part 2 (Year 13)	English Advanced English	Foundation English Intermediate English Literacy (ESOL)
Health Studies Physical Education and Health Sports Science (*) Applied Health Studies*	Health Studies Physical Education and Health Sports Science (*)	Childcare* Healthy Living*
Chinese French Japanese Samoan Lea Faka-Tonga	Chinese French Japanese Samoan Lea Faka-Tonga	
Te Reo Maori Te Reo Rangatira	Te Reo Maori Te Reo Rangatira	Maori Performing Arts Maori Vocal Performance Tikanga Maori Mana Wahine
Accounting Mathematics Advanced Mathematics with Statistics General Mathematics Practical Mathematics	Accounting Mathematics with Calculus Mathematics with Statistics General Mathematics	
Applied Science Biology Chemistry Earth & Space Science Electronics with Physics Physics Sustainability (cross-curricula)	Applied Health Science Biology Chemistry Earth & Space Science Physics Sustainability (cross-curricula)	Horticulture*
Business Studies Classical Studies Economics General Social Sciences Geography History Philosophy Sustainability (cross-curricula) Tourism & the Travel Industry Financial Skills*	Classical Studies Economics General Social Sciences Geography History Sustainability (cross-curricula) Tourism & the Travel Industry Financial Skills*	Pasifika Studies*
Catering (*) Design & Visual Communication Computing Technology Food Technology Textiles Technology	Catering (*) Design & Visual Communication Computing Technology Food Technology Textiles Technology	Technology – Digital Design* Fashion and Design* Hospitality (*)
Vocational Pathways Programme Gateway Future Focus	Vocational Pathways Programme Gateway	



Course selection process for the 2017 school year

1

The Course Booklets for 2017 are published for students and staff, and are also available on the school website.

Students discuss their choices with parents, caregivers, teachers, Deans, Careers Advisor, Senior Course Advisor, Faculty Co-ordinators, Deputy Principals.

Parents are encouraged to make contact with the school to discuss their daughter's choices.

2

Year 10, 11, 12 students complete their Option forms and hand them in to Form Teachers or the school office by **Monday 19th Sept.**

Year 9 students complete Option forms and hand them in to Form Teachers or the school office by **Friday 21th Oct.**

3

In Term 4, Deans and subject teachers check subject lists and make recommendations for any changes to individual students' courses.

During the timetabling process, some students may be contacted to discuss their courses.



NATIONAL CERTIFICATE of EDUCATIONAL ACHIEVEMENT

NCEA (National Certificate of Educational Achievement) is New Zealand's main national qualification for secondary school students and is part of the National Qualifications Framework (NQF). Each subject offers a range of **standards** that are designed to assess how well students perform in different skill and knowledge areas. When a student achieves a standard they gain **credits** on the National Qualifications Framework (NQF).

The NQF contains two types of national standards: Achievement Standards and Unit Standards. The credits from all Achievement Standards and Unit Standards count towards the NCEA.

Achievement Standards may be internally or externally assessed. External assessment is by NZQA (New Zealand Qualifications Authority) at the end of the school year. Internal assessment of Achievement Standards is carried out by subject teachers throughout the year in such form as tests, project work, practical work and performances. Achievement Standards are assessed as follows: "Achieved", "Achieved with Merit", "Achieved with Excellence" or "Not Achieved".

Unit Standards are all internally assessed and also earn credits on the National Qualifications Framework. Some Unit Standards are linked to tertiary or vocational industry-based courses. Unit Standards are assessed on the basis of meeting the required standard and therefore the result will be shown as "Achieved" or "Not Achieved".

There are rigorous external and internal moderation systems in place to ensure that internal assessment is fair, student work is authentic, and marking is accurate and consistent with national standards.

NCEA Level 1 is gained by accumulating a **minimum of 80 credits**, at least **10** of which show **numeracy** skills and **10** other credits which show **literacy** skills.

NCEA Level 2 requires a **minimum of 60 credits at Level 2** or above and **20 credits** at any other level, plus Level 1 literacy and numeracy. Credits can be used for more than one qualification, so some NCEA Level 1 credits can count towards NCEA Level 2.

NCEA Level 3 requires a **minimum of 80 credits**, of which **60** must be at **Level 3** or above and **20** at **Level 2** or above, plus Level 1 literacy and numeracy. Credits can be used for more than one qualification, so some NCEA Level 2 credits gained in a previous year can count towards NCEA Level 3.

Certificate Endorsements

NCEA Level 1 – 3 Certificates will be endorsed as follows:

Endorsement with Merit for a student who achieves 50 credits or more at Merit or Excellence.

Endorsement with Excellence for a student who achieves 50 credits or more at Excellence.

Course endorsement

A course endorsement provides recognition for a student who has performed exceptionally well in an individual subject course. Students will gain an endorsement for a course if for that course, in a single school year, they achieve:

- 14 or more credits at Merit or Excellence
- and at least 3 of these credits are from externally assessed standards and 3 credits from internally assessed standards.

Note: this does not apply to Physical Education, Religious Studies or Level 3 Visual Arts.

Vocational Pathways Award (in a particular sector)

For this award, a learner needs to achieve NCEA Level 2, with at least 60 level 2 credits from the *Recommended Assessment Standards* for a particular Vocational Pathways sector E.g. Services Industries, *including* 20 Level 2 credits from *Sector-Related Standards* for the same sector E.g. Services Industries. More information can be found here: <http://youthguarantee.net.nz/vocational-pathways/>

NZ Scholarship is a **monetary award** designed to extend and recognise top-level students. New Zealand Scholarship is an external assessment that covers the same content as the Level 3 achievement standards, so a separate course is not needed. Most subject areas at AGGS that offer Level 3 also offer entry into NZ Scholarship. This should be discussed with the appropriate FC.

For more information on **NCEA** visit: <http://www.nzqa.govt.nz/ncea/index.html>

For more information on **Scholarship** visit: <http://www.nzqa.govt.nz/scholarship/index.html>



CAREER COURSE CHOICE GUIDE

Your career

A career is not just a job. It is a lifelong process that includes paid and unpaid work, as well as formal and informal education. It influences and is influenced by other activities such as family life and leisure activities. It is important that you consider all of these areas when making career plans. To make career decisions you also need to understand yourself and the skills you have. Then you need to investigate what opportunities are available to you. The website www.careers.govt.nz is a helpful tool.

Many tertiary courses have much higher entrance requirements than the minimum entry level. Listed below are the prerequisites required by some tertiary institutions for acceptance into the course shown. It is not intended to be a guide to every course available but may give you some help with your option choices. The institutions do alter their criteria so it is strongly advised that you check the details before making decisions based on this information. The Careers Advisor is available to help you.

Career Area	
Architecture	A broad based academic programme including an English rich subject is recommended. Mathematics, Physics and a creative subject are an advantage eg. Painting, Design or Graphic Design.
Biomedical Science	Biology, Chemistry and Physics.
Business, Commerce	A broad based academic programme is recommended. Mathematics (Statistics) is an advantage and it is useful to have studied Accounting and Economics but not essential.
Communication Studies	English rich subjects plus an enthusiasm for communication activities such as drama, media, debating or film are recommended. Advised to take English at NCEA Level 3.
Computing/IT	A broad based academic programme is recommended including Mathematics.
Dentistry	Biology, Chemistry, Physics.
Design	Practical art subjects are an advantage as often a portfolio is required.
Engineering	Physics, Mathematics with Calculus and a language rich subject.
Fine Arts	Two practical Art subjects are an advantage. A portfolio is usually required.
Food Science/ Technology	Mathematics with Calculus and the three sciences.
Health Sciences	Biology, Chemistry and Physics.
Hospitality	A broad range of subjects is an advantage.
Law	It is useful to have studied essay based subjects, eg. English, History.
Medical Lab Science	Biology, Chemistry, and Statistics and Modelling.
Medicine	Biology, Chemistry, Physics – essential for Otago and U of A 1 st Year of Bio-Medical Science.
Music	Auditions are required for specialisation in Performance.
Nursing	An English rich subject and one of Biology, Chemistry or Physics.
Occupational Therapy	A broad range of subjects including a science or Mathematics.
Optometry	Biology, Chemistry and Physics.
Performing Arts	Performance skills in the chosen specialisation plus an audition.
Pharmacy	Biology Chemistry and Physics.
Physiotherapy	Biology, Chemistry and Physics for Otago. Min of 56 Level 3 credits in 3 approved subjects for AUT.
Planning	A broad range of academic subjects is an advantage.
Physical Education	A broad range of subjects is an advantage.
Pilot	Calculus, Physics and English are recommended.
Teaching	A broad range of subjects is an advantage.
Technology	Calculus, Statistics, Physics and Chemistry.
Travel and Tourism	A broad range of subjects is an advantage.
Veterinary Science	Biology, Chemistry, Physics, Statistics or Calculus and English.

For up-to-date careers and tertiary course information visit:

- Mrs Hames (Careers Advisor) in the Careers Zone of the i-Centre.
- Visit www.careers.govt.nz for a comprehensive overview of all careers including training information.
- Career Quest is a questionnaire on the Career Services website and will give you Career ideas linked to your skills and interests. www.careers.govt.nz
- We encourage every student to set up 'My Career Space' on the website so they save their CV, job profiles etc. It is wise to start this process in Year 11.



ARTS FACULTY SUBJECTS

10ART	ART
Course Information:	Through drawing, painting, printmaking and three-dimensional works you will develop practical knowledge and learn to refine visual ideas to communicate meaning and understand the Visual Arts in context. It is preferable if students have done 3 semesters of visual art before going into Year 11 Art.
Cost/Equipment:	\$40 including Art pack
Course Length:	Full year
Where does it lead?	Year 11 Art
Who to talk to?	Ms Dugdale
10ATS*	ART
Course Information:	Students complete two out of the four modules studied in the full year course. They will develop practical knowledge and learn about visual ideas; how to communicate meaning through art making processes and understand the Visual Arts in context.
Cost/Equipment:	\$25 including Art pack
Course Length:	One semester
Where does it lead?	Year 11 Art (with the permission of the Head of Visual Art)
Who to talk to?	Ms Dugdale
10DNS*	DANCE
Course Information:	Students have the opportunity to investigate a variety of dance styles. They will learn to perform, choreograph and analyse many different dances including live and recorded dance by professional dancers.
Cost/Equipment:	PE Gear, Write-on workbook
Course Length:	One semester
Where does it lead?	Year 11 Dance
Who to talk to?	Ms Sullivan
10DRA	DRAMA
Course Information:	You will study a range of performance skills and theatre styles. You will perform a class play to parents and invited school audiences.
Course Length:	Full year
Cost/Equipment	Write-on workbook
Where does it lead?	Year 11 Drama
Who to talk to?	Mrs Lee-Cooper
10DRS*	DRAMA
Course Information:	You will study theatre skills and performance techniques. You will create group performances and present them to the class.
Course Length:	One semester
Cost/Equipment	Write-on workbook
Where does it lead?	Year 11 Drama (with the permission of the LPC)
Who to talk to?	Mrs Lee-Cooper
10MED*	MEDIA STUDIES
Course Information:	This is an introduction to the study of media. Students will be introduced to reading film and looking at the particular style of Tim Burton, then they will move into looking at photography in the news and the basics of photojournalism.
Cost/Equipment:	Nil
Course Length:	One semester
Where does it lead?	Year 11 Media (with the permission of the LPC)
Who to talk to?	Ms Hayes
10MUS	MUSIC
Course Information:	You will learn about different types of music including Rock, Popular and Classical. You will learn both how to read music and compose (write) music. You are required to learn an instrument during the year. Assessments include performing as a band and you will also be given the opportunity to sit an external theory exam. You need to reach Grade 3 theory level for entry to NCEA L1 Music in 2015.
Cost/Equipment:	Write-on workbook \$10.00, Trip to orchestra \$10.00
Course Length:	Full year
Where does it lead?	Year 11 Music
Who to talk to?	Ms Moller and/or Mrs Botha



10MSS*	MUSIC
Course Information:	This condensed course covers different eras of music. You will learn how to write music e.g. how to write a song, and also learn how to perform as part of a group. You will have the opportunity to learn how to read music. Students will be given individualised theory lessons according to their ability. You are required to reach a Grade 3 theory level and learn an instrument for entry to NCEA L1 Music in 2015. More information is available on the school intranet.
Cost/Equipment:	Write-on workbook \$10.00, Trip to orchestra \$10.00
Course Length:	One semester
Where does it lead?	11MUS, with the permission of the LPC
Who to talk to?	Ms Moller and/or Mrs Botha

ENGLISH FACULTY SUBJECTS

All students will study one of the following courses (according to teacher recommendation):

10EAD	ENGLISH ADVANCED
Prerequisite:	Year 9 English Advanced/English
Course Information:	This course includes reading, writing, speaking, production experience and the study of literature.
Course Length:	Full year
Where does it lead?	Year 11 English Advanced
Who to talk to?	Mr Morgan

10ENG	ENGLISH
Prerequisite:	Year 9 English
Course Information:	This course includes reading, writing, speaking, production experience and the study of literature.
Course Length:	Full year
Where does it lead?	Year 11 English
Who to talk to?	Mr Morgan

10ENR	ENGLISH ENRICHMENT
Prerequisite:	Year 9 Enrichment/English
Course Information:	This course is a double option course with a particular focus on reading and writing skills. The course is the same as for 10ENG but with more time to develop reading and writing skills.
Course Length:	Full year
Where does it lead?	Year 11 English Enrichment
Who to talk to?	Mr Morgan

14FOU	FOUNDATION ENGLISH (ESOL)
Prerequisite:	Vocabulary Level: 0 – 1,000 words. Reading age: Under 8 years.
Course Information:	Development of English language skills and introduction to NZ culture.
Course Length:	Dependent on student's English level
Where does it lead?	Intermediate English
Who to talk to?	Ms Sinclair

14INT	INTERMEDIATE ENGLISH (ESOL)
Prerequisite:	Vocabulary level: 1,000 – 2,000 words. Reading age: 8 – 9 yrs 9/10
Course Information:	Development of English language skills.
Course Length:	Dependent on student's English level.
Where does it lead?	14LIT, 9ENR, 10ENR, 11ENR
Who to talk to?	Ms Sinclair



HEALTH AND PE FACULTY SUBJECTS

All students will choose one of the following courses:

10PEH*

Course Information:

PHYSICAL EDUCATION AND HEALTH

Students will cover 4 modules; striking, team tactics, aquatics and movement which are designed to develop a range of physical and interpersonal skills. Students will develop the confidence to try new activities and work on 4 fundamental skills: cooperation, problem solving, leadership and movement. Students will cover Sexuality Education and develop their understanding of the influences of alcohol and decision making.

Course Length:

One semester

Where does it lead?

11HEA, 11SLD

Who to talk to?

Your P.E. teacher

10SPF

Course Information:

SPORTS PERFORMANCE

This course is designed for those students who have a keen interest in Physical Education and Sport. Students will gain key knowledge needed for NCEA Level 1 P.E, which will be a great advantage to those students wishing to take 11SLD next year. They will complete a movement, striking and team tactics module and develop leadership and communication skills. Students will learn about human movement and anatomy through a range of different activities. Students will cover Sexuality Education.

Course Length:

Full year

Where does it lead?

11HEA, 11SLD

Who to talk to?

Your P.E. teacher

10HEA*

Course Information:

HEALTH

This course is designed for those students who have a keen interest in Health. Students are able to gain a more in-depth knowledge of Sexuality Education, Drug & Alcohol use and underlying health concepts that will support NCEA Level 1 Health. They will gain knowledge and skills to make safe and responsible decisions for the health of themselves and others. Students will still be required to take part in Physical Education as part of this programme.

Course Length:

One semester

Where does it lead?

11HEA, 11SLD

Who to talk to?

Your P.E. teacher



LANGUAGES FACULTY SUBJECTS

10CHN

Prerequisite: Year 9 Chinese or equivalent
Course Information: Semester 1: My Life, My Place, The City I Live In.
 Semester 2: Let's Go Shopping, Places I Have Been, Food I Love.
Course Length: Full year
Where does it lead? Year 11 Chinese
Who to talk to? Ms Ma

CHINESE

10FRE

Prerequisite: Year 9 French or equivalent.
Course Information: Semester 1: My Place, School Life.
 Semester 2: Leisure Activities, My Town.
Course Length: Full year
Where does it lead? Year 11 French
Who to talk to? Ms Malins

FRENCH

10JAP

Prerequisite: Year 9 Japanese or equivalent
Course Information: Semester 1: Celebrate with food, What kind of place is Japan? I want to go to Tokyo.
 Semester 2: Ochikubo Monogatari, fashion, K and J pop.
Cost/Equipment: Workbook \$15.00
Course Length: Full year
Where does it lead? Year 11 Japanese
Who to talk to? Ms Griffiths

JAPANESE

10SAM

Prerequisite: Year 9 Samoan or equivalent
Course Information: Semester 1: Myself, My Family, My School, Easter, My Holidays, Short Stories, Legends, Songs, Clothes.
 Semester 2: Village Life, Special Events, Cultural Practice, Shopping, Sports, Christmas.
Course Length: Full year
Where does it lead? Year 11 Samoan
Who to talk to? Ms Toleafoa, Ms Peters

SAMOAN

MATAURANGA MAORI FACULTY SUBJECTS

10TRM

Prerequisite: Year 9 Te Reo Maori or equivalent
Course Information: Semester 1: Toku Whanau, Toku Kainga, Toku Kura, Matariki.
 Semester 2: Te Marae, Tutaki Tangata, Hakinakina, Puoro.
Course Length: Full year
Where does it lead? Year 11 Te Reo Maori
Who to talk to? Koka Rhonda Tibble

TE REO MAORI

10TRR

Prerequisite: Year 9 Te Reo Rangatira or equivalent
Course Information: The student will be a participant in speaking, reading and writing exercises which will provide a good learning base for the cultural intricacies of oral practicum and experiences. During the Full year, the akonga will also participate in researching units of cultural history and well known events of Te Ao Maori.
Course Length: Full year
Where does it lead? Year 11 Te Reo Rangatira
Who to talk to? Koka Rhonda Tibble

TE REO RANGATIRA



MATHEMATICS FACULTY SUBJECTS

All students will study one of the following courses:

10MAA

Course Information:

MATHEMATICS ADVANCED

This course follows on from the 9MAA course. It is for above-average Mathematics students whose talents and attitude allow them to work at an accelerated level achieving Excellence grades.

Semester 1: Mathematical reasoning

Semester 2: Chance and data

Cost/Equipment:

Scientific calculator, \$14 for Homework Book, ruler

Course Length:

Full year

Where does it lead?

Most students will study 11MAA, whilst some students will study 11MAT. Both are full Achievement Standards courses.

Who to talk to?

Your Year 9 Maths teacher.

Credits available	
L1	AS
Internal	4
External	
Total	4

10MAT

Course Information:

MATHEMATICS

This course is a standard Year 10 course, designed to build on students' mathematical skills and to allow them to progress into Year 11 possessing sound mathematical knowledge and skills.

Semester 1: Mathematical reasoning

Semester 2: Chance and data

Cost/Equipment:

Scientific calculator, \$14 for Homework Book, ruler

Course Length:

Full year

Where does it lead?

Many students will proceed to studying 11MAT, which is an Achievement Standard course. Some will study 11MAG which is an easier course of internal Achievement Standards.

Who to talk to?

Your Year 9 Maths teacher.

Credits available	
L1	AS
Internal	4
External	
Total	4

10MAN

Course Information:

MATHEMATICS NUMERACY

This course is designed to consolidate students' basic numeracy skills so that they are prepared for entry into NCEA Level 1 Mathematics.

Semester 1: Mathematical reasoning

Semester 2: Chance and data

Cost/Equipment:

Scientific calculator, \$14 for Homework Book, ruler

Course Length:

Full year

Where does it lead?

Students would study 11MAG or 11MAP during the following year.

Who to talk to?

Your Year 9 Maths teacher.

Credits available	
L1	AS
Internal	4
External	
Total	4



SCIENCE FACULTY SUBJECTS

Science in Year 10 is a full year course that consists of a compulsory semester and a semester chosen from the list below:

SCIENCE (Compulsory Semester)

This course follows on from the Year 9 Science course. All students follow the same core programme based around the National Curriculum themes of The Living World, The Physical World, The Material World and Planet Earth and Beyond. Students are expected to gain knowledge of these areas as well as develop scientific literacy and practical skills.

Topics: Acids and Bases, Oceans and Electricity

10SCF*

SCIENCE AND FOOD

Course Information:

In this course students will gain knowledge about nutrition, digestion and chemical substances in food that will lead to an increased awareness of the role of science in the food we eat. This course has an investigation and research component to help students develop writing and practical skills.

Cost/Equipment:

Calculator, Workbook

Where does it lead?

In Year 11 the Science Faculty offers a wide range of courses to suit students' interests, abilities and aspirations.

Who to talk to?

Ms Denny, Ms Konrath

10SCB*

BODY STORY – GROWING UP

Course Information:

Life inside our bodies is explored and explained, to understand how our bodies work. Key areas covered include: sexual reproduction, conception, pregnancy and birth, the world of the new born and the hormone driven roller-coaster of adolescence. This course has an investigation and research component to help students develop writing and practical skills.

Cost/Equipment:

Calculator, Workbook

Where does it lead?

In Year 11 the Science Faculty offers a wide range of courses to suit students' interests, abilities and aspirations.

Who to talk to?

Ms Denny, Ms Dammers

10SCE*

EXTREME EARTH AND SPACE

Course Information:

New Zealand is situated in a volatile part of the planet. You will find out how extreme natural events are created and how they affect our lives; make a volcano to understand how these fascinating aspects of our planet works; and prepare yourself and your family to cope in an emergency situation. Topics include: Maori myths, astronomy, earth structure, plate tectonics, volcanism, earthquakes, New Zealand geological history, Civil Defence, rock cycle. This course has an investigation and research component to help students develop writing and practical skills.

Cost/Equipment:

Calculator, Workbook

Where does it lead?

In Year 11 the Science Faculty offers a wide range of courses to suit students' interests, abilities and aspirations.

Who to talk to?

Ms Denny, Ms Arthur

10ELE*

ELECTRONICS

Course Information:

Electronics are here to stay! Played PS, Xbox? Do you like Nintendo's popular handheld gaming system? You can probably think of a lot of things that are electronic such as computers, calculators and VCRs. Grocery stores, hospitals, airports and schools are full of electronic devices. Wouldn't it be great to understand how and why all these electronic devices work? In this course you will learn about the basics of electronics by looking at magnetism, static electricity and simple circuits with some very simple experiments.

Cost/Equipment:

Calculator, Workbook, Electronics kitset (\$10)

Where does it lead?

In Year 11 the Science Faculty offers a wide range of courses to suit students' interests, abilities and aspirations.

Who to talk to?

Ms Rhode, Ms New



SOCIAL SCIENCE FACULTY SUBJECTS

All students will study 10 Social Studies (compulsory) for the full year. They may also choose any of the other options below:

10MMT*	MONEY MATTERS
Course Information:	The emphasis of this course is on financial literacy and will give students the ability to manage their personal finances. It includes personal accounting (E.g. budgeting, pay-sheets) and consumer education (E.g. avoiding being ripped off, buying on credit).
Course Length:	One semester
Where does it lead?	11ECO and/or 11BUS and/or 11ACC
Who to talk to?	Ms Dallaston, Ms Sturme
10ENT*	ENTERPRISE STUDIES
Course Information:	This course focuses on entrepreneurship and is designed for those students who are interested in studying Economics, Accounting or Business Studies at Level 1. It includes participation in the BP Business Challenge as well as some basic Economics and Accounting.
Course Length:	One semester
Where does it lead?	11ECO and/or 11BUS and/or 11ACC
Who to talk to?	Ms Dallaston, Ms Sturme
10PHL*	PHILOSOPHY
Course Information:	This course will give students and introduction to philosophy. They will gain critical thinking and problem solving skills using reasoned argument. Works of some of the great philosophers, such as Plato, will be discussed and students will be encouraged to present their own views.
Course Length:	One semester
Where does it lead?	Yr 11 Philosophy
Who to talk to?	Ms Fletcher
10SST	SOCIAL STUDIES (Compulsory)
Course Information:	Year 10 Social Studies looks at the nature of society and the interactions that occur within it. Students will develop the skills of essay writing, resource interpretations and learn how to work collaboratively and independently. During the year you will cover units of study such as: Our Future, Migration Forces, Historical Forces, Te Tiriti O Waitangi and Government. In addition, all students will complete a short Designing Careers unit.
Course Length:	Full year
Where does it lead?	Year 11 History, Geography, Economics and Philosophy.
Who to talk to?	Ms Wilson, Miss Aitken and Miss Rhodes



TECHNOLOGY FACULTY SUBJECTS

All students must choose at least one of the semester courses below:

10ADS*	ARCHITECTURAL DESIGN
Course Information:	Students will study the history of architecture, design and drawing of an architectural project, the interior design of a space and to learn sketching and drawing techniques. Design and Visual communication skills are useful for numeracy, measurement and geometry also for portfolio subjects especially textiles and product technologies. Two assignments will thoroughly prepare students for success in NCEA Level 1 Design and Visual Communication.
Cost/Equipment:	\$40 for Specialised stationery
Course Length:	One semester
Where does it lead?	Year 11 Design and Visual Communication
Who to talk to?	Mr Hawkins
10TDD*	TECHNOLOGY DIGITAL DESIGN
Course Information:	This project based course is designed to help students acquire basic skills in digital technologies. Students work in a small group to create a project on a topic of their choosing whilst learning and applying the technological process. Areas of study might include digital drawing, programming (apps for phone) websites (html). A large part of the course focuses on the practical skills but design, information layout and presentation along with the ability to manage yourself and work flows are also covered.
Cost/Equipment:	A4 Visual diary, glue stick
Course Length:	One semester
Where does it lead?	Year 11 Technology Digital Design
Who to talk to?	Ms Langlands
10TCF*	FOOD TECHNOLOGY
Course Information:	This course will initially give students the opportunity to learn and practice a range of basic cooking techniques and processes. They will then research and prepare food that reflects the flavours and cooking methods of different cultures. Students will develop and make their own food products using the technology design process. This is an exciting hands-on course with theory running alongside the practical classes.
Cost/Equipment:	\$35 for course materials
Course Length:	One semester
Where does it lead?	Year 11 Food Technology
Who to talk to?	Mr Hawkins, Ms Saipaia
10TCT*	TEXTILES TECHNOLOGY
Course Information:	Students work in soft materials technology. They will be guided through a design process to research and record their findings in a visual diary. Students will expand and develop practical skills. You will have the opportunity to get creative as you explore embellishment techniques to make a variety of textile products.
Cost/Equipment:	\$35 for course materials
Course Length:	One semester
Where does it lead?	Year 11 Textiles Technology
Who to talk to?	Mr Hawkins, Ms Forde
10TCP*	PRODUCT TECHNOLOGY
Course Information:	Students will continue to add to their Year 9 knowledge base. They will use problem solving skills, mock up and modelling techniques including 3D printing to develop and make a final product. Students are expected to present a portfolio involving design sketches and photos of their project. The students will work with a range of materials to design their products. Possible products can be Jewellery, Lighting, Electronics, Footwear, and Kitchen Ceramics.
Cost/Equipment:	\$40 for all materials, design portfolio and stationery
Course Length:	One semester
Where does it lead?	Year 11 Technology
Who to talk to?	Mr Hawkins

