

AUCKLAND GIRLS' GRAMMAR SCHOOL
PER ANGUSTA AD AUGUSTA



Senior Course
Booklet
Year 11
2022

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

Course availability:

The courses outlined in this booklet are all expected to run in 2022, except when there are insufficient students choosing a particular course for it to be viable. While we make every effort to meet students' needs, it is possible that some individual courses may not run, or in some cases, they may be combined with another level of that subject.

Course Advice:

Parents are encouraged to participate in the Option Choice process. Deans, Deputy Principals and Career staff are all available to advise students on their choices. Please contact the school if you would like to arrange an appointment time for the next few weeks.



CONTENTS

Principal's Introduction	3
Staff to see for advice	4
AGGS Course Structure	5
Course Selection Process for 2022	6
National Certificate of Educational Achievement (NCEA)	7
Choosing the right courses for your future	8
Arts Faculty	9
English Faculty	11
Health and Physical Education Faculty	12
Languages Faculty	13
Nga Tumanako o Kahurangi Māori Unit	14
Mathematics Faculty	15
Science Faculty	16
Pasifika Health Science Academy	17
Pūhoro STEM Academy	18
Social Sciences Faculty	19
Technology Faculty	20





AUCKLAND GIRLS'
GRAMMAR SCHOOL
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August 2021

Dear Students, Parents and Caregivers

Over the next few weeks, you will be making important 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 11, including possible course pathways, and individual subject descriptions, along with subject prerequisites and the credits offered towards qualifications.

Students are encouraged to choose a programme that allows them to optimise their potential as individuals and achieve the highest possible levels of success. We offer a wide range of courses that lead to national qualifications and awards and prepare our girls for their future pathways. We encourage each of our 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, checking entry requirements for tertiary courses and 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 are available from the Deputy Principals, Faculty Coordinators, Deans, and the Careers Advisor at school.

Ngaire Ashmore
Principal



STAFF TO SEE FOR ADVICE

ARTS	Ms Moller (FC) & Director of Music Ms Dugdale - Visual Arts
CAREERS/STUDENT SUPPORT	Mrs Hames (Director of Student Support / Careers Advisor) Ms Rose (Learning Centre)
ENGLISH	Ms Stone (FC) Mr McQuillan (Media Studies)
LANGUAGES	Ms Long
MATAURANGA MAORI	Whaea Joey Rogers
MATHEMATICS	Ms Towes (FC)
PHYSICAL EDUCATION	Ms Waka (FC)
SCIENCE	Ms Denny (FC) & Biology Ms Tudor - Chemistry Ms Rhode - Physics
SOCIAL SCIENCES	Ms Parsons - History Mr Issacs - Geography Ms Wilson - Social Studies / Classics Ms Sturme - Economics / Business Studies Mr Cabral-Tarry – Senior Social Studies
TECHNOLOGY	Mr Summerville (FC)
VOCATIONAL PATHWAYS	Ms Ashmore (FC)
SENIOR COURSE ADVISOR	Ms Rhode
DEANS 2022	Ms Ashmore (Yr 9) Ms Wikaire (Yr 10) Mrs Lee-Cooper (Yr 11) Ms Thom (Yr 12) Ms Harridge (Yr 13) Ms Sturme (International) Whaea Joey Rogers (Kahurangi)
DEPUTY PRINCIPALS	Ms Flannery Ms Long Mr Morgan



Course Structure

		Year 9	Year 10	Year 11
Course Structure	Arts	Visual Art Dance Drama Music	Visual Art Dance Drama Music	Visual Art Dance Design (Practical Art) (S) Drama (Full + Semester) Music Photography Music Performance
	English	English Advanced English	English	English Media Studies
	Health & PE	Physical Education and Health	Physical Education and Health	Physical Education Health Studies (S) Healthy Lifestyles (S)
	Languages	French Japanese Samoan	French Japanese Samoan Lea Faka-Tonga	French Japanese Samoan Lea Faka-Tonga
	Māori	Te Reo Maori	Te Reo Māori	Te Reo Māori Te Ao Haka (Māori Performing Arts)
	Mathematics	Mathematics	Mathematics Extension Mathematics	Mathematics General Mathematics
	Science	Science	Science	General Science Science for Life
	Social Science	Social Studies	Social Studies	Economics with Business Geography (Full + Semester) History (Full + Semester) Senior Social Studies
	Technology	Technology	Design & Visual Communication Digital Technologies Food Technology Textiles Technology	Design & Visual Communication Digital Design Technology Digital Technology Programming (S) Hospitality (S) Construction (S) Textiles (S)
	Pathways			
Note: Courses will only be offered if there are sufficient numbers.				

Year 12	Year 13	Multi-Level Courses
Art History Dance Design (Practical Art) Drama Music Painting Photography	Art History Dance Design (Practical Art) Drama Music Painting Photography	
English Media Studies	English English Enrichment Media Studies	Literacy
Health Studies Physical Education and Health	Health Studies Physical Education and Health	
French Japanese Samoan Lea Faka-Tonga	Japanese Samoan Lea Faka-Tonga	English Enrichment
Te Reo Māori Te Ao Haka (Māori Performing Arts)	Te Reo Māori Te Ao Haka (Māori Performing Arts)	
Mathematics Mathematics and Statistics General Mathematics	Mathematics with Calculus Mathematics and Statistics General Mathematics	
Science Biology Chemistry Physics Sustainability (cross-curricular)	Applied Health Science Biology Chemistry Physics Sustainability (cross-curricular)	
Business Studies Classical Studies Economics Geography History Senior Social Studies Tourism & the Travel Industry	Business Studies Classical Studies Economics Geography History Senior Social Studies Tourism & the Travel Industry	
Design & Visual Communication Digital Design Technology Digital Technology Programming Hospitality	Design & Visual Communication Digital Design Technology Hospitality	
Pathways	Pathways	
Gateway	Gateway	



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 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 generally shown as "Achieved" or "Not Achieved".

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.

NZ Scholarship is a **monetary award** designed to extend and recognise top-level students. 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>

Choosing the right courses for your future:

‘Educated at Auckland Girls’, Equipped for the world’

Your choices at school can make a difference to your pathway when you leave school, so choose carefully and remember these important points:

- Think about the subjects that you enjoy and also the ones that you are succeeding in now
- Don't specialise too soon - keep your overall course as broad as possible
- Research the subject requirements for your possible career choices
- Always have a backup plan for your future pathway
- Think about how you prefer to work and learn E.g. practical subjects, written subjects, performance subjects, creative subjects, scientific subjects
- Check that you will have the pre-requisites for your 2022 subjects
- Discuss your options with as many people as possible E.g. Tutor teacher, Dean, Careers Advisor
- Involve your parents in your decision-making – they know you well!

Course Requirements at AGGS in 2021

Yr 11	Course Requirements	Equivalent of 6 full year NCEA Level 1 subjects
	Compulsory	English, Mathematics and Science – full year, 1 semester of HealthyLifestyles
Y12	Course Requirements	6 full year NCEA Level 2 subjects
	Compulsory	English – full year
Y13	Course Requirements	5 subjects (at Level 3)
	Compulsory	Study – full year

All Year 11, 12 and 13 Kahurangi students are required to take Te Reo Māori (TRM).

In some individual cases, students may study at more than one level of NCEA in the same year.

Pre-requisites for Courses:

Continuing on to Year 12 & 13 in most subjects requires that you have gained a minimum standard (prerequisite) this year. The prerequisites are listed within the individual course information. Some courses will have open entry or no prerequisite. You will not be able to take the course if you have not gained the prerequisites.

Portfolio subjects: (Visual Art, Design, Design & Visual Communication, Painting, Photography, Technology)

These are subjects that require you to submit a major collection of work at the end of the year for the external assessment. For workload reasons, it is recommended that you only take **one** portfolio subject, but exceptions to this may be made at the discretion of your teachers, and in consultation with both you and your parents.

Course availability and credits:

Each course offered in this booklet will run in 2022, provided that sufficient students choose to take it. For senior school subjects, the credit value offered in each course is an approximate indication and may be subject to change. Course outlines issued by teachers at the start of 2022 will confirm the details of assessments and credits to be offered.

All full year course will offer a minimum of 18 credits unless otherwise stated, and a semester will offer a minimum of 7 credits.

ARTS FACULTY

This is the learning area which explores and celebrates the processes and products of creativity and personal expression. The Arts are powerful forms of expression, providing essential learning for living and developing a wide range of general and specific skills, vital for employment, study, leisure and recreation.

The Arts are the basis of international communication and understanding as they cross all boundaries and link all areas of thought and personal endeavour. The Arts subjects enable students to explore, understand and communicate ideas in creative ways. They encourage individuality and an ability to be adaptable and innovative in the face of change.

YEAR 11 COURSES

11ART	VISUAL ART Visual Arts are the study of various processes, procedures, techniques and materials in art-making. This course consists of learning some formal aspects of art-making, including the close study of established artists from New Zealand and overseas. This course is an introduction to Senior NCEA Visual Arts and is designed to prepare students for any of the fields offered in Visual Arts. Some junior Arts study is recommended.
11DAN	DANCE In Year 11 Dance you will learn a variety of dance styles, choreograph group dances and analyse professional dance works. There are no prerequisites for this course, however, the majority of this course is practical. It is an expectation that you bring appropriate gear for dancing. 16 internal credits and 4 external credits.
11DES*	DESIGN (Semester) Design is an introductory course that will prepare students for further study in Design. They will explore different approaches to typography and text based design. Students can choose to create work in a variety of media and discover where their interests lie. This could include digital photography, animated GIFs, stop motion, short film, digital painting, screen printing and more. There will be opportunities to learn the basics of Photoshop and photograph manipulation. All credits are internally assessed.
11DRA	DRAMA Drama techniques of voice and movement to create a range of roles. Participation in a variety of group performances, explore a specific theatre style and perform a scripted play. Written work is expected throughout the year. Students will be expected to perform to a public audience in the DWC for one of the standards. 18 internal credits, 4 external.
11DRS*	DRAMA (Semester) This course will include two performances and the opportunity to sit an external examination. Students will explore the play Blood Brothers. They will make a presentation about the world of the play and then rehearse scenes to perform in an evening performance in the DWC.

11MUP*

MUSIC PERFORMANCE (Semester)

Music is a study of performance, songwriting and technology. You will learn relevant events management skills for running a concert/event. You will also develop music technology skills. You will need to be prepared to perform as part of a group. Students must have done either 10 Music full-year or half-year or seek permission from Ms Moller to take this course.

11MUS

MUSIC

This course focuses on developing the skills of students learning to play an instrument, learning to create a song or a composition for their instrument, as well as developing notation literacy, aural ability, and the use of music technology. Students must have either taken full year or semester music. Students who have not done Music, must seek permission from the HOD of Music, Ms Moller. credits.

11PHO

PHOTOGRAPHY

This is an introductory course that will prepare students for further study in Photography. It will introduce the basic materials and processes of photographic practice. Students will use film cameras and learn all of the steps to produce images from advanced camera techniques to printing photographs in the darkroom. There will also be opportunities to use the DSLR cameras to take digital photographs. All credits are internally assessed.

ENGLISH FACULTY

English is about making sense of the written, visual and oral texts we encounter every day. It empowers us to understand texts and see how people use language to influence the way we think and feel about the world.

At Year 11, you must select 11ENG or 11LIT.

YEAR 11 COURSES

Students need to discuss with their English teacher which course would best suit their needs.

11ENG

ENGLISH

This course will allow us to study ideas in literature through a variety of texts. We will analyse film, complete a series of writing activities and make connections across different texts which link to the wider world. A total of 21 credits with an optional 3 credits for Speech is available.

11LIT

LITERACY SUPPORT

This course is for students who need extra assistance with literacy or language skills. Assessments are similar to 11ENG course with a focus on writing and speaking skills. A total of 21 credits are available. Your Year 10 English teacher will recommend you for this course or at discretion of the HOF.

11MED

MEDIA STUDIES

Media Studies is the study of texts, their creation and influence on society, industry and technology. This course contains both written elements and practical assessments. There are a total of 20 credits available.

HEALTH AND PHYSICAL EDUCATION FACULTY

In Health and Physical Education, the focus is on the well-being of students, other people, and society, through learning in health-related and movement contexts.

YEAR 11 COURSES

11PED

PHYSICAL EDUCATION

This is a brand new NCEA course that is being piloted at AGGS next year. Students will be able to gain 20 NCEA credits towards their Level 1 qualification. The focus of 11PED is MOVEMENT. Movement is integral to the human experience. It facilitates a lifelong understanding of our bodies, contributes to our hauora, and allows us to live physically active lives. Movement is affected by, and affects, who we are, how we experience and interact with others, and our relationship to and place in society. This course will help develop the social, emotional, intellectual, and cultural capabilities of ākonga. These capabilities inform the ways in which we understand tikanga in movement contexts, provide diverse ways of participating in physical activities, and contribute to movement's wider benefits to hauora. Students will experience movement through a variety of physical activities some of which will include; Wakaama, Ki-o-rahi, stand up paddle boarding, whitewater rafting and/or Tree Top adventures, plus students will be involved in organizing and participating in a Tag Tournament. Students who have great self management skills and enjoy physical activity are encouraged to consider this exciting opportunity.

11HES*

HEALTH STUDIES (Semester)

Students who have an interest in health and wellbeing. This course will support the development of the students' wellbeing supporting their knowledge to prepare them for Level 2 and 3 Health. This course will support students to develop increased self awareness of their own health and wellbeing, and develop strategies for lifelong health. Different standards offered from 11HLS and 11PED.

The 11HLS course is compulsory at Year 11. You will need to choose another semester course for the second half of the year.

11HLS*

HEALTHY LIFESTYLES (Semester)

The objective of this course is to introduce students to a variety of activities that will help them to focus on making healthy lifestyle decisions. Students will learn about mindfulness and strategies to help manage self. They will learn how to take action and improve their own physical wellbeing. Students will need to apply their knowledge in both practical and written contexts.

LANGUAGES FACULTY

Everyone benefits from learning languages. Communicating with people within and across communities, cultures and nations enables us to engage with new ways of thinking, questioning, and interpreting our world.

Students with more than one language enhance their employment and lifestyle opportunities. They are able to participate as citizens of a world in which many different languages are spoken and most people can use more than one language.

YEAR 11 COURSES

11FRE

FRENCH

In French, students learn to communicate in an additional language, develop their capacity to learn further languages and explore different worldviews in relation to their own. This course aims to consolidate basic reading, writing, listening and speaking skills and the topics studied include social life, healthy living, future plans, holidays and travel. You will need to have studied French in Year 10 or equivalent or have a French language background.

11JAP

JAPANESE

In Japanese, students learn to communicate in an additional language, develop their capacity to learn further languages and explore different worldviews in relation to their own. This course aims to consolidate basic reading, writing, listening and speaking skills and the topics studied include self-introduction, making arrangements for a visit/trip, everyday life, hobbies and holidays. You will need to have studied Japanese in Year 10 or equivalent or have an Asian language background.

11SAM

SAMOAN

In Samoan, students learn to communicate in the Samoan language and explore aspects of Samoan culture through a range of contexts. This course aims to consolidate basic reading, writing, listening and speaking skills. It also provides an opportunity to experience the annual Samoa Independence Day celebration as part of Samoan language week and the study of Samoan history. You will need to have studied Samoan in Year 10 or have a Samoan language background.

11TGN

LEA FAKA-TONGA

Lea Faka-Tonga is the study of the Tongan language and culture through a range of contexts. This course provides students with the opportunity to develop comprehensive skills through speaking and writing in Lea Faka-Tonga. You will need to have studied Lea Faka-Tonga in Year 10 or have a Lea Faka-Tonga language background.

ENGLISH LANGUAGE LEARNING COURSES

14ENG

ENGLISH ENRICHMENT

This course is for students to develop their skills in English language. There will be a focus on written language proficiency. You will also develop your listening and speaking skills which will assist you in all of your school subjects. This is a multi-level course and entry to this course is by the invitation of the HOF of English or Languages.

NGA TUMANAKO O KAHURANGI MĀORI UNIT

Nau mai haere mai, welcome to Nga Tumanako o Kahurangi Māori Unit. We will be responsible for the delivery of Te Reo Māori (Māori Language) me nga Tikanga Māori (Cultural Processes) and Nga Mahi a Te Rehia (Cultural Arts). As both an indigenous and official language of Aotearoa (NZ), students will gain insight into a Māori World view that encompasses the Treaty of Waitangi, and Mana Whenua. We encourage open communication between teachers, learners and whanau on all or any aspects of the learning journey of our students.

YEAR 11 COURSES

11TAH

TE AO HAKA – MĀORI PERFORMING ARTS

This course provides an opportunity for students from all backgrounds to explore Te Ao Māori (Māori Performing Arts). Those not proficient in Te Reo Māori are very welcome. It is not a requirement that you are in Kahurangi to take this subject.

11 TRM

TE REO MĀORI ME NGĀ TIKANGA

This course consists of a study of Te Reo Māori me ngā Tikanga being able to communicate about: problems and immediate plans, hopes, wishes and intentions; formal situations: Students will cover themes such as Kapa Haka, Manu Kōrero, Tōku whanau, Tōku kura, Kaupapa Taiohi, Te Mauri o te wahine and Ngā lwi o inaianei.

MATHEMATICS FACULTY

Mathematics at secondary school will give you the skills, understanding and confidence to use mathematics in everyday life. You will develop a variety of approaches to problem-solving, learn to discover patterns and relationships, interpret information and statistics and communicate your ideas using mathematical language.

There are courses that will prepare you to go on studying mathematics and courses to give you the mathematical skills and concepts needed to take a responsible role in our society.

Mathematics is compulsory at Year 11 so you will need to choose one of the following courses.

YEAR 11 COURSES

NOTE: Our **Year 10 Mathematics** courses offer one or more Achievement Standards. If students achieve, they will go into Year 11 with Level 1 credits banked in their achievement records.

Your Year 10 Mathematics teacher will recommend which one of these courses are most suitable for you:

11MAT

MATHEMATICS

This course is for students who enjoy Mathematics and are successful. Students taking this probably plan to continue with Mathematics Level 2 and Level 3. Students who wish to take Physics or Chemistry in Level 2 should take this course. Topics covered include Algebra, Graphs, Number, Statistics and Probability.

11MAG

GENERAL MATHEMATICS

This course is for students that have found Mathematics challenging. Successful students can continue into 12MAG at Level 2. There are no externals in this course. Topics covered will include algebra, measurement, number, statistics and probability.

SCIENCE FACULTY

Learning in Science is fundamental to understanding the world in which we live and work. Science finds patterns by making careful observations of the world around us. It helps people to clarify ideas, to ask questions, to test explanations through measurement and observations and to use their findings to establish the worth of an idea. Science makes an important contribution to the decisions which are shaping our world and the world of future generations.

Year 11 Māori and Pasifika students can join the Pūhoro STEM Academy or the Pasifika Health Science Academy to support their learning in Science (see the information on the next page).

Science is compulsory at Year 11. Most students will take General Science. If you think you would be better in Science for Life, please talk to your science teacher.

YEAR 11 COURSES

11SCI

GENERAL SCIENCE

In Science students develop the scientific knowledge, problem-solving and critical thinking skills needed to inform decision making at both an individual and societal level. In this course you will cover key concepts from the specialist areas of Biology, Chemistry and Physics. There will be three internals and two externals.

11SCL

SCIENCE FOR LIFE

In Science students develop the scientific knowledge, problem-solving and critical thinking skills needed to inform decision making at both an individual and societal level. The topics covered in Science for Life will be chosen to meet the interests and needs of the students. It is assessed by internal achievement standards. This course leads only to Applied Science in Year 12.

11HSA

HEALTH SCIENCE ACADEMY

This course is part of the Pasifika Health Science Academy. Those students take an extra semester of Science. Entry to this course is by application to the Director of the Pasifika Health Science Academy (Ms Webber). More information is over the page.

Pasifika Health Science Academy

Auckland Girls' Grammar School offers a Health Science Academy (HSA) for Pasifika students in Years 11, 12 and 13 who are interested in a career in the Health Sciences. There are more than 80 different careers in this field, including medical specialists, public and community health workers, technicians, midwives, nurses, dental workers, rehabilitation workers, therapists and mental health workers. Students in the academy will be mentored to help them develop an academic pathway and to achieve their goals. The Academies are run in partnership with the Waitemata, Auckland and Counties-Manukau District Health Boards.

Required Subjects

Year 11 - English, Mathematics, Science, Healthy Lifestyles and two options plus a compulsory Health Science semester

Year 12 - English, Maths, at least two Sciences and/or Health Studies and other options that contribute to your chosen career pathway.

Year 13 – Language rich subject (Table A), Maths, at least two Sciences and/or Health Studies and other options that contribute to your chosen career pathway.

There is an expectation that students in the academy will attend special events, extra tutoring and work experience placements that are organised. Most of these extra experiences will have no cost associated with them. Some of them will be outside of school hours, including in the holidays.

Where does it lead to?

At the completion of the first year, students will have the option of continuing to be part of the Health Science Academy for Years 12 and 13. The school and the District Health Boards will continue to support these students through their studies.

At the end of Year 13, those students who are still interested in continuing into the health industry will be mentored through the process of applying for scholarships and tertiary courses. There is likely to be continued support from the DHBs through their first year of tertiary study.

Applications

Students will need to fill in an application form to apply for the Academy. They will then be shortlisted and be interviewed.

To gain success in the Academy, students need to have a good work ethic, be dedicated to their studies and show a passion or interest in the health sector. Students will also need to have the ability to cope with a high workload and maintain their grades under pressure.

Application forms will be available later in Term 3. See Ms Webber for further information.

Pūhoro STEM Academy

Auckland Girls' Grammar School is proud to be one of eight Auckland Schools involved in the Pūhoro STEM Academy Programme for Māori student in Years 11, 12 and 13. The aim of Pūhoro is to increase Māori student engagement in STEM (Science, Technology, Engineering and Mathematics) courses and careers. Students in Pūhoro will receive weekly tutoring and mentoring as well as attending a wānanga each term focusing on career pathways, academic support and kōrero whakahihiko.

Required Subjects

Year 11 - English, Mathematics, Science, Healthy Lifestyles and two options

Year 12 - English, Mathematics, at least two science subjects or one science subject plus another STEM subject.

Year 13 – Language rich subject (Table A), Mathematics, at least two science subjects or one science subject plus another STEM subject.

There is an expectation that students in the academy will attend the weekly tutoring and mentoring sessions as well as the wānanga each term. There is no cost for being involved in Pūhoro.

Where does it lead to?

At the completion of the first year, students will have the option of continuing to be part of Pūhoro for Years 12 and 13. The school and Pūhoro will continue to support these students through their studies.

At the end of Year 13, those students who are interested in continuing into STEM related careers will be mentored through the process of applying for scholarships and tertiary courses. There will be continued support from Pūhoro through mentoring, cadetships and scholarships for students studying at tertiary level.

Applications

Students will need to fill in an application form to apply for Pūhoro. They will then be shortlisted and be interviewed.

To gain success in Pūhoro, students need to have a good work ethic, be dedicated to their studies and show a passion or interest in the health sector. Students will also need to have the ability to cope with a high workload and maintain their grades under pressure.

Application forms will be available later in Term 3. See Ms Denny for further information.

SOCIAL SCIENCES FACULTY

The Social Sciences Faculty consists of a range of subjects which all centre on the world and the people in it. Students are challenged to thinking critically, whilst learning more about themselves, their values and the views they hold. They have the opportunity to study a wide range of subjects including Business Studies, Classical Studies, Senior Social Studies, Economics, Geography, History and Travel and Tourism. Most of our courses are open entry so that you can choose subjects you most enjoy and have a passion for. The Social Science faculty has a group of well qualified and experienced teachers who believe in supporting all students to achieve their personal best.

YEAR 11 COURSES

- 11ECB ECONOMICS WITH BUSINESS**
This course is a mix of Economics, Accounting and Business Studies standards and will give an insight into the business world and how the New Zealand economy works. Topics include Demand e.g. what influences a consumer to buy, supply e.g. what decisions do businesses need to make, The Market e.g. how prices are determined. Students will also apply the marketing mix to a product, learn how to make financial decisions and investigate the recruitment process of a business.
- 11GEO GEOGRAPHY**
Geography help learners develop an understanding of the world we live in and make critically evaluated, informed decisions. We study how we interact and shape the natural environment. Our contexts of study include the issue of child poverty in New Zealand, global fertility rates and their effects on countries, how New Zealand's location caused the 2011 Canterbury Earthquake and use field research to understand Auckland weather patterns.
- 11HIS HISTORY**
History is the study of how people's lives have been affected by events in the past. History is a useful subject that helps to develop literacy skills, critical thinking and persuasive writing. It also helps us to understand change and why society is the way it is. This course consists of three main topics. The Black Civil rights movement of the 1950s, the Dawn Raids of the 1970s and the 1981 Springbok Tour.
- 11SOS SENIOR SOCIAL STUDIES**
You will learn about culture and society, and why our world is the way it is. You'll learn about religions, and tackle some of the biggest questions around: Why are we here? What is the purpose of life? How do I know what good is? How can I change the world? This is an open entry course.
- 11GES* GEOGRAPHY (Semester)**
Semester Geography is a course designed to develop an understanding of the world we live in and make critically evaluated, informed decisions using this understanding. Our contexts of study will include the global pandemic of COVID-19, an Auckland geographic issue, and using field research to understand the weather patterns Auckland experiences.
- 11HSS* HISTORY (Semester)**
Semester History is the study of how people's lives have been affected by events in the past. History is a useful subject that helps to develop literacy skills, critical thinking and persuasive writing. It also helps us to understand change and why society is the way it is. This course consists of two main topics. The Black Civil rights movement of the 1950s and the Dawn Raids of the 1970s.

TECHNOLOGY FACULTY

Technology is the creative and purposeful use of human knowledge, skills and physical resources to solve practical problems. It involves developing objects, systems or environments. Technology is part of our daily lives, both at home and at work. Technology education develops a wide range of skills including problem-solving, design, construction, critical thinking, analysis, synthesis and evaluation.

YEAR 11 COURSES

11DVC	DESIGN AND VISUAL COMMUNICATION You will learn to: <ul style="list-style-type: none">• Use a problem-solving process to produce an appropriate spatial & product design solution• Extend the range and quality of graphical skills• Apply a range of technical and drawing skills• Examine alternative solutions when analysing problems• Critically evaluate own work and that of contemporary and historical graphic design
11HOS*	HOSPITALITY (Semester) Hospitality at Year 11 provides students with an opportunity to gain practical skills and knowledge of food preparation in the kitchen, before embarking on a full-year course at Year 12. The course will foster both independent and creative thinking, while the ability to break tasks into sequential activities is of prime importance. The learning is taken from Industry standards and will lead to future qualifications in the food and beverage Sector. This course leads on to 12HOS. This course includes 7 internal credits. This is a unit standard based course. Credits gained in hospitality work towards a vocational pathway. No endorsements possible .
11TDD	DIGITAL DESIGN TECHNOLOGY Studying Digital Media Design enables you to develop applied digital skills, understand effective design and the elements of an interactive digital product combining multimedia that make it fit for purpose. You will manage your own project and have creative direction over the look and function of your design. Suitably qualified professionals with design skills and understanding of user experience are in short supply. This course prepares Year 11 students for 12TDD.
11TDP*	DIGITAL TECHNOLOGY PROGRAMMING (Semester) Digital Technology is the study of the computational concepts, design skills and technical understandings that underpin the creation of digital products and systems. A focus of this course will be on the interaction between humans and computers and particular emphasis will be on the user's experience in creating programmes to help young children to learn. Students will learn the programming and user interface development skills through the creation of their own programming project.
11TCS*	CONSTRUCTION (Semester) This is a Unit Standards National Certificate Level 1 Building & Construction course designed as a foundation skill base for further woodwork related courses. The course aims to provide the basic training required for students to gain entry into woodwork related industries and to provide knowledge of the careers available in these areas. This is a practical based course with some theoretical modules to enhance the learning. Students will make a number of technically challenging and useful projects that can be taken home once completed.
11TXS*	TECHNOLOGY TEXTILES (Semester) This course aims to allow students to express and expand their creativity, knowledge and practical skills through exploration and manipulation of textile products. This programme has a large practical component, with students having the opportunity to create multiple take-home projects. Students will develop the skills of free-hand sketching, design investigation, critical thinking and modelling as well as gaining experience using different production techniques and equipment. (Achievement standard course).