



2022 COURSE HANDBOOK



Junior School
(Year 10)

From the Principal

This booklet contains important information on each of the subjects offered in the junior school curriculum, within the International Baccalaureate Middle Years Programme and is a valuable resource for student, teachers and parents.

The Middle Years Programme (MYP) offers students at Glendowie College:

- Rigorous learning objectives
- A student-centred approach to teaching
- International perspectives
- Sustained teaching and learning in more than one language
- A focus on learning how to learn
- The development of flexible thinking that prepares students to evaluate information critically and apply knowledge in complex, unfamiliar situations.

The MYP teaches tools for lifelong learning and fosters responsible attitudes that help students discover how to use what they learn to take principled action. The MYP's focus on independent learning makes it ideal preparation for the formal qualification of NCEA. At the core of all IB Programmes is the learner profile, 10 attributes fostered in students that promote their development as responsible members of their local, national and global communities. IB learners strive to be inquirers, knowledgeable, thinkers, communicators, principled, open-minded, caring, risk-takers, balanced and reflective.

I encourage you to consult widely and plan carefully when it comes to choosing your subjects in the Junior school. Junior option choices offer an opportunity for students to develop an understanding of different areas of interest and strengths that can inform senior subject choices and study pathways. Our Careers Advisor, David James, all the subject teachers, Faculty Leaders, Heads of Departments, your form teachers and the Deans are available to discuss your option choices. Parents are most welcome to consult with these members of staff.

It is also important to remember that while we hope to satisfy each student with their subject choices, there are occasions where, because of staffing constraints or small numbers choosing an option, we are unable to offer certain subjects.



G Robertson
PRINCIPAL

YEAR 10 SUBJECTS

INTRODUCTION

The purpose of this booklet is to give students and parents an outline of what is offered and taught at Year 10 in the IB MYP. It also allows students and parents to follow the courses of study through to the senior school. From the information within this booklet, and the course description on the College website, students, in consultation with parents and staff, will be able to select their options for the Year 10 level.

The overall programme for Year 10 students is similar to that of Year 9, with students studying the compulsory core subjects of English, Mathematics, Science, Social Studies, Physical Education and Health.

Plus

All students will have to choose a language, from:

- German, Chinese, Te Reo Māori, Spanish and ESOL (**this should be a language previously studied in Year 9**)

Plus

All students choose THREE other option subjects, which are studied for the whole year.

Students should choose these three option subjects with the following considerations in mind.

- An option subject they have enjoyed in Year 9.
- An option subject that may help with future career aspirations.
- At Year 10, students should select to study as options those subjects in which they plan to seek qualifications at Years 11, 12 and 13.

Read this booklet and ask questions if you are unsure of anything. The best people to ask are the Deans, the Careers Advisor, the Guidance Counsellor, your Subject Teachers and your Form Teacher.

COURSE COSTS

At Glendowie College, we endeavour to provide the best possible learning opportunities for our students. This involves some costs beyond the basic government funding to support your child's learning. These costs relate to specific items and educational opportunities outside of the classroom provided to your child.

We endeavour to keep these costs to a minimum and ensure that they directly relate to courses and students' learning. Course costs are shown as two components:

Course Costs

These are costs that support learning and involve a take-home component, e.g. write-on workbooks, individual software licences (e.g. Education Perfect).

Associated Costs

These are costs that will most likely occur in a course and students are strongly encouraged to take these up to enhance their learning and appreciation of that subject, e.g. field trips, specialist one-off tuition.

The college operates a small 'welfare' grant (funded from donations) to support families who may need financial assistance with school expenses such as course costs. Talk to your child's Dean or Assistant Dean if you would like to know more about this.

Please Note:

Students who do not pay the associated costs will still be able to participate in courses and assessments but may not be able to attend the related events such as field trips that incur extra costs for the college to provide. Please discuss this with the teacher, Faculty Leader or Dean, if you have any questions or concerns.

THE FLOW OF SUBJECTS – GLENDOWIE COLLEGE 2022						
	YEAR 9	YEAR 10	YEAR 11	NCEA LEVEL 2	NCEA LEVEL 3	
ENGLISH						
ENGLISH	English (9ENG)	English (10ENG)	English (11ENG)	English (12ENG)	English (13ENG)	UE app
					Scholarship English (13ENX)	UE app
	English Literacy (9ENL)	English Literacy (10ENL)		English Literacy (12ENL)		
MEDIA STUDIES		Media Studies (10MES)	Media Studies (11MES)	Media Studies (12MES)	Media Studies (13MES)	UE app
ENGLISH FOR SPEAKERS OF OTHER LANGUAGES	ESOL (9ESL)	ESOL (10ESL)	ESOL (11ESL)	ESOL (12ESL)	ESOL (13ESL)	
MATHEMATICS						
	Mathematics (9MAT)	Mathematics (10MAT)	Specialist Mathematics (11MAS)	Specialist Mathematics (12MAS)	Calculus (13MCA)	UE app
					Scholarship Calculus (13MCX)	UE app
			Mathematics (11MAT)	Mathematics (12MAT)	Statistics (13MST)	UE app
					Scholarship Statistics (13MSX)	UE app
	Enhanced Mathematics (9ENM)		Mathematics Applied (11MAA)	Mathematics Applied (12MAA)	Mathematics (13MAT)	UE app
ACCOUNTING			Accounting (11ACC)	Accounting (12ACC)	Accounting (13ACC)	UE app
SCIENCE						
	Science (9SCI)	Science (10SCI)	Science (11SCI)	Biology (12BIO)	Biology (13BIO)	UE app
					Scholarship Biology (13BIX)	UE app
			Science (11SCI)	Chemistry (12CHE)	Chemistry (13CHE)	UE app
					Scholarship Chemistry (13CHX)	UE app
			Science (11SCI)	Physics (12PHY)	Physics (13PHY)	UE app
					Scholarship Physics (13PHX)	UE app
			Science (11SCI)	Science (12SCI)	Science (13SCI)	UE app
SOCIAL SCIENCES						
	Social Studies (9SST)	Social Studies (10SST)	Geography (11GEO)	Geography (12GEO)	Geography (13GEO)	UE app
					Global Studies (13GBS)	UE app
			History (11HIS)	History (12HIS)	History (13HIS)	UE app
				Classical Studies (12CLA)	Classical Studies (13CLA)	UE app
		Enterprise Studies (10EST)	Economics (11ECO)	Economics (12ECO)	Economics (13ECO)	UE app
			Business Studies (11BUS)	Business Studies (12BUS)	Business Studies (13BUS)	UE app

THE FLOW OF SUBJECTS – GLENDOWIE COLLEGE 2022						
	YEAR 9	YEAR 10	YEAR 11	NCEA LEVEL 2	NCEA LEVEL 3	
HEALTH & PHYSICAL EDUCATION	Health (9HEA)	Health (10HEA)	Health (11HEA)	Health (12HEA)	Health (13HEA)	UE app
	Physical Education (9PHE)	Physical Education (10PHE)	Physical Education (11PHE)	Physical Education (12PHE)	Physical Education (13PHE)	UE app
					Sport & Recreation Leadership (13SRL)	
			Outdoor Education (11OED)	Outdoor Education (12OED)	Outdoor Education (13OED)	
DESIGN & TECHNOLOGY						
Creative Technology	Design (9TEC)					
Fabric Technology		Fabric Technology (10FAB)				
Computing		Digital Technologies Computing and Programming (10DTC)	Digital Technologies Computing (11DTC)	Digital Technologies Computing (12DTC)	Digital Technologies Computing (13DTC)	UE app
Programming			Digital Technologies Programming (11PRG)	Digital Technologies Programming (12PRG)	Digital Technologies Programming (13PRG)	UE app
Electronics		Creative & Digital Technologies (Electronics) (10CDT)	Creative & Digital Technologies (Electronics) (11CDT)	Creative & Digital Technologies (Electronics) (12CDT)	Creative & Digital Technologies (Electronics) (13CDT)	UE app
Food Technology & Nutrition/ Hospitality		Food Technology & Nutrition (10FTN)	Food Technology & Nutrition (11FTN)	Food Technology & Nutrition (12FTN)	Food Technology & Nutrition (13FTN)	UE app
				Hospitality (12HOS)	Hospitality (13HOS)	
Design and Visual Communication (Graphics)		Design and Visual Communication (Graphics) (10DVC)	Design and Visual Communication (Graphics) (11DVC)	Design and Visual Communication (Graphics) (12DVC)	Design and Visual Communication (Graphics) (13DVC)	UE app
Building Construction & Allied Trade Skills		Workshop Technology (10TEC)	Building Construction & Allied Trade Skills (11BCT)	Building Construction & Allied Trade Skills (12BCT)	Building Construction & Allied Trade Skills (13BCT)	
THE ARTS						
DRAMA	Drama (9DRA)	Drama (10DRA)	Drama (11DRA)	Drama (12DRA)	Drama (13DRA)	UE app
MUSIC	Music (9MUS)	Music (10MUS)	Music (11MUS)	Music (12MUS)	Music Studies (13MUS)	UE app
					Music – Practical (13MSP)	UE app
DANCE	Dance (9DNC)	Dance (10DNC)	Dance (11DNC)	Dance (12DNC)	Dance (13DNC)	UE app
VISUAL ART	Art (9ART)	Art - Practical (10ART)	Art - Practical (11APA)	Art Painting (12PAI)	Art Painting (13PAI)	UE app
		Art – Digital Photography / Design (10APD)	Art – Digital Photography / Design (11APD)	Art Photography (12APH)	Art Photography (13APH)	UE app
				Art Design (12ARD)	Art Design (13ARD)	UE app
				Art History (12ARH)	Art History (13ARH)	UE app
LEARNING LANGUAGES						
GERMAN	German (9GER)	German (10GER)	German (11GER)	German (12GER)	German (13GER)	UE app
CHINESE	Chinese (9CHN)	Chinese (10CHN)	Chinese (11CHN)	Chinese (12CHN)	Chinese (13CHN)	UE app
SPANISH	Spanish (9SPA)	Spanish (10SPA)	Spanish (11SPA)	Spanish (12SPA)	Spanish (13SPA)	UE app
TE REO MĀORI	Te Reo Māori (9MAO)	Te Reo Māori (10MAO)	Te Reo Māori (11MAO)	Te Reo Māori (12MAO)	Te Reo Māori (13MAO)	UE app
DEVELOPMENT PROGRAMMES						
NEW ZEALAND TOURISM				New Zealand Tourism (12NZT)	New Zealand Tourism (13NZT)	

Course Structure for Year 10 Students

Students will select 4 subjects from the list of Option Subjects, **at least 1 of these MUST be a language (including ESOL)**

Year 10 Subjects:	
Compulsory Core Subjects	Option Subjects
English (10ENG)	English Literacy (10ENL)
Mathematics (10MAT)	Media Studies (10MES)
Science (10SCI)	ESOL (10ESL)
Social Studies (10SST)	Enterprise Studies (10EST)
Health (10HEA)	Workshop Technology (10TEC)
Physical Education (10PHE)	Digital Technologies Computing & Programming (10DTC)
	Creative & Digital Technologies (Electronics) (10CDT)
	Food Technology & Nutrition (10FTN)
	Design & Visual Communication – (Graphics) (10DVC)
	Fabric Technology (10FAB)
	Drama (10DRA)
	Music (10MUS)
	Art – Practical (10ART)
	Art – Digital – Photography / Design (10APD)
	Dance (10DNC)
	German (10GER)
	Chinese (10CHN)
	Spanish (10SPA)
	Te Reo Māori (10MAO)

ART PRACTICAL (Year 10)

MYP Arts

Optional Subject

Objectives

- To develop practical skills using a range of wet and dry media.
- To develop independent thinking, ideas development and imagination.
- To explore the theme of portraiture through a series of interconnected projects that develop skills in drawing, painting, printmaking, and installation
- To explore the practical connections and real-world experience along with building confidence and engagement in visual arts

Content

MYP Unit	Outline
Draw to See Me	Learning practical drawing skills in wet and dry media working towards the development of a portrait composition.
Paint to Express Me	Using colour theory and rendering techniques to develop painting skills. Resolve a final painting.
Print to See What I See	Learn about printmaking techniques and trial works using different skills. Develop work towards a final exhibition piece.
Ideas to Say What I See	Using inspiration from the pros/cons of social media to explore ideas for an installation that develops a viewpoint.

Course Costs \$30.00 Art pack, carry folder

Associated Costs Nil

Contact Person
Ms A Whittaker (HOD)

ART DIGITAL – PHOTOGRAPHY / DESIGN (Year 10)

MYP Arts

Optional Subject

Objectives

- To develop practical and technical skills in photography including use of a digital camera, studio photography and photographic processes.
- To develop digital art knowledge with Adobe Photoshop and Illustrator software, editing and manipulating photography and design work.
- To develop independent thinking, idea development and imagination.

Content

MYP Unit	Outline
Nature and Aesthetics	Learning DSLR camera basics with a nature inspired photo series. Extending ideas with Artist research. Photo editing with Photoshop.
Portraiture and Identity	Developing skills further within portrait photography using studio lighting and techniques. Developing a series of works inspired by contemporary artists.
Colour and Communication	Develop understanding of how colour is used in advertising. Shoot a range of objects using product photography techniques. Resolve ideas towards a promotional design.
Documenting Change	Using prior knowledge of photography and design to develop an independent project for an end of year exhibition.

NB: Students may wish to use their own camera.

The department has cameras that students can use during lessons and hire for out of school use.

Course Costs

\$20.00

Visual diary + pack, Large format printing

Associated Costs

\$10 (approx.)

Adobe CC license (optional)

Contact Person

Ms A Whittaker (HOD)

CHINESE (Year 10)

MYP Language Acquisition

Optional Subject

Guideline(s)/Minimum Entry

- Year 9 Mandarin
- In cases of proven language ability, a student may begin at Year 10 Level – following discussion with Head of Faculty.

Objectives

- To communicate effectively in the Mandarin language by developing competence in the four language skills: listening, speaking, reading, writing.
- To learn about the Chinese culture e.g. daily life, festivals, geographical regions.
- To provide an extra dimension for career opportunities.
- To enjoy using a second language in meaningful situations.

Content

MYP Unit	Outline
School Life	Students learn to talk about their subjects, opinions and discover what their day might look like if they went to school in China.
Favourite Food	Students learn about the cultural significance of food and explore why it is such an important part of Chinese culture.
Free Time and Other Stuff	Students learn to talk about hobbies and sports in New Zealand and China, they learn to discuss what they do in their free time and what they do to support their own wellbeing.
Transport and Directions	Students discover what modes of transport are common in China and how and why that may be different to NZ. They learn to talk about how they get around and how to ask for directions.

Course Costs \$20.00 Online vocabulary learning

Associated Costs TBC Lunch Trip

Contact Person(s)

Ms T Xu / Ms A Vincent (Faculty Leader)

DANCE (Year 10)

MYP Arts

Optional Subject

Objectives

- To develop an understanding of dance elements and conventions and utilise this knowledge in a series of practical assessments.
- To work in groups to research concepts and choreograph movement to communicate their ideas and understanding.
- To develop an understanding of dance around the world, in both cultural and historical contexts.
- To develop the ability to communicate with others, and present learning/communication with skills and confidence.

Content

MYP Unit	Outline
Take the Stage	Learn practical dance skills and techniques in Jazz, Contemporary, and Hip-Hop Dance.
Road Trip	Explore dance around the world. Explore cultural forms of movement and develop an understanding of their context (including African Dance, Bollywood, Haka, and ethnic forms of your choosing). Inquiry and performance in to a cultural form of your choosing.
Tuakiri	Develop choreographic skills using the ideas of your identity and whakapapa.
Ensemble Skills	Perform in class dances in the annual Dance Showcase production. Explore the technical and performance skills required to contribute to group focus and communication in the theatre.
Making Waves	Develop a choreographic intention based on a group inquiry project in to the ocean and sustainability. Present a group dance communicating ideas around this intention.

Course Costs

Nil

Associated Costs

Nil

Contact Person

Ms C Jennings (Faculty Leader)

DESIGN AND VISUAL COMMUNICATIONS (GRAPHICS) (Year 10)

MYP Design

Optional Subject

Objectives

Design and Visual Communication:

The program focuses on learning about design processes and developing student-driven projects. Visual literacy, creative thinking, and visual communication techniques are taught by:

- Developing skills and understanding of various types of drawing used in graphic practices.
- Carrying out architectural & industrial projects to learn about the fundamental design development process.
- To be able to find creative and unique solutions to design problems in real life context.
- Developing practical skills in range of digital media and tools such as – Fusion 360, Photoshop, Illustrator, Corel draw, 3D printing and laser cutting.

Content

MYP Unit	Outline
Why is communication important?	Learn practical skills to aid visual communication. These will include drawing techniques, digital design tools and the elements and principles of design.
Ideate this	Learning the concept of Ideation and the process of design – how to create your own unique and creative design ideas to solve a design problem.
The spatial project	Students will take the skills they have learnt and their knowledge of the design process to create a solution to their architectural design project. They will create a portfolio of work that documents their design process and the creation of their food-related experience.

Course Costs \$35.00 Junior Graphics pack

Associated Costs Nil

Contact Person(s)

Mr T Kim / Mrs R Lewis (Faculty Leader)

DIGITAL TECHNOLOGIES: DIGITAL MEDIA AND PROGRAMMING (Year 10) MYP Design

Optional Subject

Objectives

- To develop or improve the students' competency in completing the technological design process (inquire and analyse an issue, develop ideas for an outcome, create an outcome and evaluate the outcome) to develop a digital media outcome.
- To further develop the student's capability to utilise a variety of software applications to plan, design and create a technological outcome.
- To expose students to the concepts and skills involved in algorithmic problem solving and computer programming (coding).

Content

MYP Unit	Outline
Technological Innovations	Students will use the technological design process to create a digital media website outcome that provides the target audience with information regarding a new or futuristic technological innovation that has been selected by the student. The global context for this project is "Scientific and Technical Innovation".
Myths & Legends	Students will learn a programming (coding) language and develop skills needed to create a computer program. The purpose of the computer program (app or game) chosen by the student from within the global context of "Identities and Relationships".

Course Costs

Nil

Associated Costs

\$25.00

National Computer Science School Challenge registration fee (if entered).

Contact Person(s)

Ms V Mercer or Mr H So

DIGITAL TECHNOLOGIES ELECTRONICS (YEAR 10)

MYP Design

Optional Subject

Objectives

- To engage students in technological practice
- To develop outcome to real time issue using Digital Electronics as a medium
- To develop basic practical skills in areas of microcontrollers on Arduino board
- To code using programming languages such as C++ and Python

Content

MYP Unit	Outline
Flower garden	Students will use the technological design process to create a digital electronics outcome that provides the target audience with a display stand from recycled materials. The global context for this project is "Globalisation and Sustainability".
LED Sculpture	Students will develop ideas for a LED sculpture using Corel Draw and will evaluate the design within the global context of "Identities and Relationships" to be given as a Christmas gift.
Line follower Robot	Students will develop the purpose of making a line follower robot and will demonstrate skills such as designing schematics, Arduino UNO prototyping, Coding using C++ within the global context of "Scientific and technical innovation".

Course Costs

\$40.00

Electronic components, Arduino Board for project work

Associated Costs

Nil

Contact Person

Mrs J Christopher

DRAMA (Year 10)

MYP Arts

Optional Subject

Objectives

- To select and use dramatic techniques, elements, conventions and technologies in a variety of dramatic contexts, including original plays and a scripted production.
- To participate fully in planning, devising and rehearsing drama for a variety of purposes.
- To perform work, watch performances and learn to evaluate the effectiveness of their own work and the work of others.
- To explore the contribution drama makes to their own and other societies.
- To gain understanding of a range of drama or theatre forms, periods and practitioners.
- To build confidence and presentational skills.

Content

MYP Unit	Outline
Stereotypes in Stock	Learn drama skills and techniques associated with the Commedia dell'Arte style of theatre and stock characters. Apply learned skills to create a new work exploring contemporary stereotypes.
Truthful Liars	Learn drama skills and techniques associated with naturalistic acting (Stanislavski's System) and demonstrate practically in a short-scripted scene.
The Play's the Thing	Participate in the production process to perform a role in a class production for a live audience as part of Dramafest (Term 3)
Change the World	Explore the MYP Global Contexts and use one as the starting point for an original devised play. Develop devising skills to create and perform a finished piece of theatre.
Reflection & Response	Reflect on and evaluate theatre seen and performed throughout the year. Learn and use Drama subject-specific vocabulary.

Course Costs Nil

Associated Costs Nil

Contact Person

Ms C Jennings (Faculty Leader)

ENGLISH (Year 10)

MYP Language and Literature

Compulsory Core Subject

Objectives

In this course, you will explore the four key concepts of English Language and Literature: Communication, Creativity, Connection, and Perspective. You will apply Language and Literature skills and knowledge in a variety of real-life contexts. The course includes listening, speaking, reading, writing, viewing, and presenting in a variety of mediums. There will be opportunities for reading literature from your own and a variety of other cultures.

Content

MYP Unit	Outline
Social Media	Technology shapes the way we communicate. Language and short text unit. Unfamiliar text analysis and structure skills.
Looking into the Future	Connections between creator and audience encourage us to create a sustainable future. Analysing film and organising ideas in a literary essay.
Whose Story is it Anyway?	Personal stories from the perspectives of others can foster better intercultural understanding. Studying a memoir/autobiography. Producing a creative, well-organised written memoir.
Make me!	Creators can use persuasive language to promote social action. Organising ideas and using language to produce a persuasive speech.

Course Costs

\$18 Education Perfect Subscription

Associated Costs

Nil

Contact Person(s)

Miss Zoë Rogers (MYP Language and Literature Leader)
Mrs M van Ansem (Faculty Leader)

ENGLISH LITERACY (Year 10)

MYP Language and Literature

Optional Subject (By Teacher Recommendation)

Objectives

The 10 English Literacy course is for students who would benefit from some literacy support before studying senior programmes. It is designed to support students' learning in 10 English so that students can participate confidently in their main English course and make progress in this subject area. In addition, a focus on spelling, grammar, reading fluency and speaking skills will support our students in all subject areas. Students are selected for 10ENL based on academic record and teacher recommendation.

Content

MYP Unit	Outline
Blog Yourself	Technology shapes the way we communicate. Diagnostic and development exercises with a focus on spelling, grammar, vocabulary, close reading skills and creative writing.
Breaking Up with the World	Connections between creator and audience encourage us to create a sustainable future. Exercises to support close viewing skills and essay writing. The focus on basic literary support continues with a focus on formal expression.
Choose Your Own Adventure	Personal stories from the perspectives of others can foster better intercultural understanding. Exercises support reading fluency, close reading and editing for accuracy. Support for memoir writing.
Come at Me, Bro	Creators can use persuasive language to promote social action. Exercises will support development of skills in close reading, grammar, spelling and writing for a political purpose.

Course Costs

Nil

Associated Costs

Nil

Contact Person

Mrs M van Ansem (Faculty Leader)

ENGLISH SECOND LANGUAGE – ESL (Year 10)

MYP Language Acquisition

Optional Subject

Guideline(s)/Minimum Entry

- Entry at student / family's / teacher's request.
- Diagnostic testing is carried out to determine the student's level.

Objectives

- To develop students' understanding, skills and confidence in language (written, visual and oral).
- To develop the student's ability to read, think and respond critically and reflectively to texts and to develop independent information skills.
- To develop the student's ability to write correctly, creatively and independently and to bring intelligence and structure to their writing.
- To develop students' ability to listen in a focused and intelligent manner and to speak interpersonally with confidence, sincerity, clarity and style.

Content

Topic	Outline
Language and Identity	Diagnostic Testing: Grammar, reading, writing and listening. Short Story Study. Skills: Reading and writing.
Friendship	Short Story Study: Skills: Listening and formal essay writing.
What if everyone looked the same?	Extended text: Skills of reading and writing.
Eat to live, live to eat	Film Study: Skills: Research topic, speaking and writing.

Course Costs

Nil

Associated Costs

Nil

Contact Person

Mrs L Walker

ENTERPRISE STUDIES (Year 10)

MYP Individuals and Societies

Optional Subject

Objectives

- Understand the characteristics and importance of entrepreneurship and innovation
- Experience business in a real context – Market Day
- Demonstrate an understanding of money management and personal financial documents
- Demonstrate an understanding of basic economic concepts.
- Demonstrate an understanding of cultural responsiveness and trade.

Content

MYP Unit	Outline
The Economic Problem	Explore key economic concepts such as scarcity and opportunity cost. Understand how economic ideas and concepts are a part of everyday life.
Getting Down to Business	Explore innovation and entrepreneurship, culminating in creating and running a business for Market Day.
Money Matters	Explore key ideas around financial literacy and management. Examine how people can make positive financial decisions and changes using financial management strategies.
All Around the World	Explore trade and cultural responsiveness and investigate how businesses need to adapt and change to trade in other countries.

NB: Teams acting as companies at Market Day may make a profit and choose to keep it or donate to a worthy cause.

Course Costs

Nil

Associated Costs

Approximately
\$20.00

Set up costs for Market Day – this will be determined by the product the group chooses to make, and how the groups decide to fund their product.

Contact Person(s)

Mrs B Rothbart, Mrs J Champness, Mrs G Sawyer

FABRIC TECHNOLOGY (Year 10)

MYP Design

Optional Subject

Subject Objectives

- To engage students in technological practice using the Design Process and Soft Materials i.e. fabric, soft plastics, flexible materials, electronic componentry for smart materials
- To develop outcomes to real time issues using soft and flexible materials as a medium
- To develop basic practical skills in areas of design, sewing, fabric and material embellishment
- To use specialist equipment in sewing and design technologies
- Introduction to fabric embellishment using material design digital technologies e.g. Spoonflower and Photoshop (or equivalent), Brother Scan and Cut, Machine embroidery etc.

Content

MYP Unit	Outline
Material adventures (and misadventures)	Students will use the design process to create a flexible materials outcome that provides the target audience with a product from recycled materials with a special electronic component to make a smart material product. <i>Key Concept/s: Form and Function</i> <i>Personal and cultural expression</i> <i>ATL – Thinking – Subject specific skills etc.</i>
Designing our own fabric – Wearable Art	Students will learn to embellish fabric to create their own material design. (Wearable Art project). <i>Key concept/s: Identities and Relationships, Creativity</i> <i>ATL – Research</i>
Mystery and magic with materials	Students will learn pattern reading and sewing skills to make their own garments. <i>Key concept/s: Communication and Aesthetics</i> <i>ATL – Self management</i>

Course Costs

\$30.00

Some sewing materials and equipment

Associated Costs

Suitable materials, fabrics and notions, as chosen by the student.

Contact Person

Mrs S Gee

FOOD TECHNOLOGY & NUTRITION (Year 10)

MYP Design

Optional Subject

Objectives

The course "Food Technology & Nutrition" is aimed to enable students to gain knowledge about interaction between food, body, and health under normal and special circumstances. It also provides students with the knowledge of basic terminology, technological practice and understanding of modern aspects of both nutrition and food science.

- To develop the skills and knowledge to design and make good quality food products
- To understand the importance of nutrition
- To expose students to technological practice within the area of food
- To use technological practice and presentation in preparation for work in senior years
- Develop understanding of the importance of hygiene and safety within the food industry.

Content

MYP Unit	Outline
Street Food	Investigate the foods and flavours of other countries and design the street food for teenagers
Cool Food	Learn about the properties of sugar, liquid, flavourings, and other ingredients in cool food. Design and make a cool product using ingredients
Recipe Book	Understand the process of food product development by designing a unique recipe for specific diet

Course Costs \$50.00 Consumable food

Associated Costs Nil

Contact Person

Mrs W Henvest

GERMAN (Year 10)

MYP Language Acquisition

Optional Subject

Guideline(s)/Minimum Entry

- Year 9 German.
- In cases of proven language ability a student may begin at Year 10 Level – following discussion with Head of Faculty.

Objectives

- To communicate effectively in the German language by developing competence in the four language skills: listening, speaking, reading, writing
- To learn about the German culture e.g. daily life, festivals, geographical regions
- To provide an extra dimension for career opportunities
- To enjoy using a second language in meaningful situations.

The course builds on topics covered in Year 9. Students continue to develop their skills using a wide variety of tasks, authentic resources and digital tools. In addition, it covers various topics, both personalised, and useful if travelling in German speaking countries.

Content

MYP Unit	Outline
Free Time and Other Stuff	Students learn to talk about hobbies and sports in New Zealand and German speaking countries. They learn to discuss what they do in their free time and what they do to support their own wellbeing.
School Life	Students learn to talk about their subjects, opinions and discover what their day might look like if they went to school in Germany.
Home Sweet Home	Students learn to talk about their homes and the places they live in and compare those to how people live in German speaking countries.
Holidays and Celebrations	Students learn to talk about a holiday they have been on and discover a range of holidays and traditions celebrated in German speaking countries.

Course Costs \$20.00 Online vocabulary learning

Associated Costs \$5.00 Auckland Goethe Society Examination

Contact Person

Ms A Vincent (Faculty Leader)

HEALTH (Year 10)

MYP Physical and Health Education

Compulsory Core Subject

Objectives

Key Concept: Hauora / Total Wellbeing.

Health is vitally important for personal and social well-being and achievement. It encompasses the physical, social, emotional, intellectual and spiritual dimensions of a person's growth.

As part of health education

- Students will be encouraged to set realistic and worthwhile personal goals and to develop healthy patterns of living
- They will develop the skills to participate in a wide range of social activities, and to build responsible and satisfying relationships, at school, at home and in the wider community, and with people from various social and cultural backgrounds
- They will learn to respect differences of viewpoint and lifestyle, and will be encouraged to develop personal responsibility and judgement in matters of values and ethical standards
- They will also be assisted to cope constructively with challenges, personal stress, peer pressure and social conflict.

Content

Health education incorporates:

- Drug and alcohol education
- Interpersonal skills
- Friendship and relationships
- Mental health matters
- Keeping ourselves safe
- Building self-esteem is an integral part of all units.

Content

MYP Unit	Outline
Fairness Inquiry	Students explore the idea of fairness and how it affects well-being. Students will make suggestions for ways well-being can be supported in relation to the situation.
Changes and Choices	Students learn that to maintain a balanced lifestyle requires people to respond to changes. Change requires students to make choices. This unit explores many of these issues e.g. loss, grief, self-esteem, managing stress, food and nutrition.

Course Costs

Nil

Associated Costs

Nil

Contact Person

Mr R Thompson

MATHEMATICS (Year 10)

MYP Mathematics

Compulsory Core Subject

Objectives

The purpose of this course is to further develop students' problem-solving skills and critical thinking through a variety of mathematical and statistical tasks. Students will be on a programme suited to their needs.

There is the opportunity to participate in Mathematics Competitions and the MATHEX team competition.

Content

MYP Unit	Outline
Crafty Consumers (Number)	Skills and applications of fractions, decimals, percentages and ratios.
Getting from 'A' to 'B' (Algebra)	Skills and applications related to linear and non-linear (quadratic) tables, equations and graphs.
Let the Data Decide (Statistics)	Analysing and interpreting various types of data.
Shape Up! (Geometry)	Skills and applications of transformations, angles, Pythagoras' theorem and trigonometry.

Course Costs

\$22.00

Digital subscriptions for Education Perfect and Myimaths.

Associated Costs

\$10.00

Australian Mathematics Competition, Otago Mathematics Competition.

Contact Person(s)

Mr J Eley (Faculty Leader) or your Year 9 Mathematics Teacher

MEDIA STUDIES (Year 10)

MYP Arts

Optional Subject

Objectives

At Glendowie College, Year 10 Media Studies pursues a broader, liberal arts approach to film and media studies so that students will:

- be exposed to a broad range of media across historical eras and international borders so they will be familiar with major trends in media
- learn research skills and methods, disciplinary vocabulary, and an array of theoretical perspectives and be able to apply them
- understand the relationship between varying media and its creators, audiences, representations, and industrial and cultural contexts and be able to write essays or participate in discussions connecting media texts to these concepts.
- Acquire the skills necessary to take part in creative, effective, technically competent, and insightful media production.

Content

MYP Unit	Outline
Film Studies	Film elements – presentation Film analysis - essay
Comic Books	Visual narratives – antihero creation Production – comic book
Journalism	Article writing and editorial creation Production - magazine
TV Production	Green Screen – CGI environments creation Production – short film

Course Costs

Nil

Associated Costs

Nil

Contact Person

Mr M Ifrim

MUSIC (Year 10)

MYP Arts

Optional Subject

Objectives

To develop musical skills through:

- Playing music in groups or solo
- Developing ideas in music composition
- Understanding music and its relationship to our society
- Developing reading and writing music skills
- Using computer software to compose, sequence material, and develop aural skills.

Ideally, students should already be playing an instrument or be prepared to start learning in Year 10. Students will be given priority for lessons in the Instrumental / Vocal Teaching Programme.

Course Content

MYP Unit	Outline
Passport to Music	Research, composition, performance and responding to musical genres selected by the students
Time Tourist	A survey of musical change from the Middle Ages to the present day
On Song	Song writing introduction
Peak Performance	Solo performances, evaluation and reflection leading to organising the Junior Concert in early December.

Course Costs

\$27.00

Materials workbook

Associated Costs

\$95.00

Music tuition, APO concert

Contact Person

Mr A Lile (HOD)

PHYSICAL EDUCATION (Year 10)

MYP Physical and Health Education

Compulsory Core Subject

Objectives

- To provide an opportunity for students to reach their potential in physical growth and development
- To develop a wide range of motor skills
- To acquire knowledge and understanding about movement, about themselves and others, and about the contribution of physical activity to a healthy lifestyle
- To develop effective interpersonal skills when working in a group or team
- To develop positive attitudes to physical activity
- To participate in physical activities which aid personal and social development

Content

MYP Unit	Outline
Understanding Games	Understanding attack and defence strategies during participation in a range of invasion games.
My Fitness	Fitness foundations for a healthy lifestyle.
Group Challenges	Problem solving and Interpersonal skill development.
Perform	Developing a group performance through movement creativity.
Court Hockey	Developing communication to enhance team and individual performance in a sports education competition.

Course Costs

Nil

Associated Costs

Nil

Contact Person

Mr D Storrie (Faculty Leader)

SCIENCE (Year 10)

MYP Sciences

Compulsory Core Subject

Objectives:

MYP Sciences curriculum explores the connections between science and everyday life. As they investigate real examples of science applications, students discover the tensions and dependencies between science and morality, ethics, culture, economics, politics, and the environment.

Content

MYP Unit	Outline
Garden to plate	Students will investigate the life processes of plants by creating a hypothesis for them to test, collecting data, and presenting their findings.
Mission to Mars	Students will inquire into the aspects needed for survival and develop solutions for the human colonisation of Mars.
Sapiens vs Superbugs	Students will discover the relationships we have with microorganisms.
Science fair	Students will develop their Scientific investigative skills on a topic of interest by creating a hypothesis for them to test, collect data, and present their findings.

Course Costs

\$20

Education Perfect Subscription

Associated Costs

Students can use the custom Glendowie College sciPAD workbook purchased in year 9, or order a new one from their teacher in year 10 for \$30.

Contact Person(s)

Ms A Kockott (Faculty Leader), Mr T Comber

SOCIAL STUDIES (Year 10)

MYP Individuals and Societies

Compulsory Core Subject

Objectives

Social Studies education aims to enable students to participate in a changing society as informed, confident, and responsible citizens.

The objectives developed and assessed are: Knowing and understanding; Investigating; Communicating and Thinking Critically.

Content

MYP Unit	Outline
Global Challenges	Explore some of the major humanitarian, resource, and environmental challenges the world faces.
Global Citizens	Discover what it means to be a 'global citizen' and explore ways in which global citizens promote social change.
Partnership and Protest	Investigate the ways communities develop partnerships and how citizens use protest to promote change.

Course Costs

Nil

Associated Costs

Nil

Contact Person(s)

Ms M Simpson (Assistant Faculty Leader) and Ms P Jones (Faculty Leader) or your Social Studies Teacher

SPANISH (Year 10)

MYP Language Acquisition

Optional Subject

Guideline(s)/Minimum Entry

- Year 9 Spanish
- In cases of proven language ability, a student may begin at Year 10 Level – following discussion with Head of Faculty.

Objectives

- To communicate effectively in Spanish language by developing competence in the four language skills: listening, speaking, reading, writing;
- To explore the Hispanic culture and its way of life with the aid of special topics e.g. daily life, festivals, arts;
- To enjoy using a second language in meaningful situations;
- To provide an extra dimension for career opportunities.

The course builds on topics covered in Year 9. Students continue to develop their skills using a wide variety of tasks, authentic resources and digital tools. In addition, it covers various topics, both personalised, and useful if travelling in Spanish speaking countries.

Depending on the year and students' interests' special topics may include:

The Hispanic World (geographical review), festivals and music in the Hispanic world, the arts, native animals.

Content

MYP Unit	Outline
Free Time and Other Stuff	Students learn to talk about hobbies and sports in New Zealand and Spanish speaking countries. They learn to discuss what they do in their free time and what they do to support their own wellbeing.
School Life	How is school life organised? Students learn to talk about their subjects, opinions and discover what their day might look like if they went to school in a Spanish speaking country.
Home Sweet Home	Students learn to talk about their homes and the places they live in and compare those to how people live in Spanish speaking countries.
Holidays and Celebrations	Students learn to talk about a holiday they have been on and discover a range of holidays and traditions celebrated in Spanish speaking countries.

Course Costs

\$20.00

Online vocabulary learning

Associated Costs

Nil

Contact Person(s)

Miss A Law, Ms A Vincent (Faculty Leader)

HARD MATERIALS (WORKSHOP TECHNOLOGY) (Year 10)

MYP Design

Optional Subject

Course Overview:

This course builds on what students have learnt in Year 9 Design to further their knowledge and skills in the workshop environment. The skills used in this course build toward Year 11 Building and Construction.

Objectives

- To engage students in technological practice
- Analyse existing products for inspiration
- Research
- Client communication
- To develop creative and practical skills
- To further develop critical thinking skills
- Find creative solutions to problems

Content

- Applied design using different materials
- Client communication to drive design ideas
- Functional modelling to confirm design concepts
- Making products from various materials
- Workshop and hand tool skills
- Safe use of equipment and workshop safety

Content

MYP Unit	Outline
Pizza Cutter	Modelling and construction, hand rivetted handle shaped and finished, workshop safety.
Wood based project	Measuring, cutting, woodworking skills, workshop safety.

Course Costs \$40.00

Associated Costs Nil

Contact Person(s)

Mr M Pavarno, Mrs J Christopher (Faculty Leader)

TE REO MĀORI (MĀORI LANGUAGE) (Year 10)

MYP Language Acquisition

Optional Subject

Guideline(s)/Minimum Entry

- Year 9 Māori
- In cases of proven language ability, a student may begin at Year 10 Level – following discussion with Head of Faculty.

Objectives

1. To develop basic skills in speaking and understanding te reo Māori.
2. To develop an understanding of the culture through:
 - Karakia, Mihihihi, Pepeha, Whakataukī (Prayers, Formal Greeting, Formal speech, Proverbs)
 - Waiata, Haka, Mau Rākau (song, dance, fitness)
 - Whakawhanaungatanga (relationship building)
 - Marae-a-iwi (local Marae)
 - Manaaki (Hosting)
 - Toi (Art/Craft)

Outcomes

- To build language confidence in Te Reo Māori
- To become familiar with Te Ao Māori or the Māori World View and how to apply the language in a modern context.

Content

MYP Unit	Outline
Tōku Whānau – My Family	Students learn vocabulary and structures to talk about their whānau, they discuss what constitutes whānau and how whānau dynamics have changed over time.
Tōku Wāhi Ako – My Place of Learning	Students discuss how the structure of their kura (school) can impact their day, they learn to discuss their school subjects and opinions.
Tōku Tāmaki Makaurau – My Auckland	Student discover significant places and events unique to Tāmaki Makaurau.
Tōku Ao – My World	Students explore the world around them and discuss their place in it.

Course Costs

\$20.00

Online vocabulary learning

Associated Costs

Nil

Contact Person(s)

Ms M Chase / Ms A Vincent (Faculty Leader)