



Winmalee High School

Year 9 2021

Subject Selection Information Booklet

YEAR 9 and 10

Winmalee High aims to give its students a challenging and varied program. This is accomplished by offering three elective subjects for Year 9 and Year 10 as well as the compulsory Stage 5 RoSA (Record of School Achievement) courses as prescribed by the NESAs (NSW Education Standards Authority).

In Year 9 and Year 10 students will have the following pattern of lessons each week:

	Periods per Week	
	Year 9	Year 10
1. English	5	5
2. Mathematics	5	5
3. Science	5	5
4. History/Geography	5	5
5. PD/H/PE	5	2
6. 3 Electives	3 x 4 = 12	3 x 4 = 12
7. Careers	-	1

COURSE REQUIREMENTS:

To successfully complete a course, a student needs to meet NESAs requirements. This involves following the course program, meeting the outcomes and showing sustained effort and diligence throughout the course. To ensure all students meet course requirements, student progress at Winmalee High is monitored. Where NESAs requirements are not met an N Award Warning notification is posted so that parents are aware of the work that must be completed. The award of a Stage 5 RoSA is in jeopardy until the required work is completed to redeem the situation.

YEAR 9 SUBJECT SELECTIONS CHOICES

- | | | |
|--------------------------|----------------------------|---------|
| <input type="checkbox"/> | Child Studies | (\$30) |
| <input type="checkbox"/> | Commerce | (\$10) |
| <input type="checkbox"/> | Computing Studies (IST) | (\$25) |
| <input type="checkbox"/> | Dance | (\$40) |
| <input type="checkbox"/> | Design & Technology | (\$20) |
| <input type="checkbox"/> | Drama | (\$50) |
| <input type="checkbox"/> | Elective History | (\$10) |
| <input type="checkbox"/> | Food Technology | (\$120) |
| <input type="checkbox"/> | IT Building & Construction | (\$70) |
| <input type="checkbox"/> | IT Timber | (\$70) |
| <input type="checkbox"/> | IT STEM Engineering | (\$70) |
| <input type="checkbox"/> | Japanese | (\$20) |
| <input type="checkbox"/> | Music | (\$25) |
| <input type="checkbox"/> | PASS | (\$20) |
| <input type="checkbox"/> | Visual Arts | (\$80) |
| <input type="checkbox"/> | Visual Design | (\$80) |

NAME OF COURSE:

CHILD STUDIES

DEPARTMENT INVOLVED:

PDHPE

COURSE DESCRIPTION:

Child Studies provides students with a broad knowledge of the physical, social, intellectual and emotional development of children from birth to 6 years. Students will examine the needs of a child; how a child learns through play and will investigate the importance of a child's health and safety.

Practical activities and tasks form an essential component in each aspect examined, to enhance the learning experience for the students.

WHO SHOULD CHOOSE THIS COURSE:

Any student with an interest in children and a desire to understand the importance of these early years. The knowledge and skills gained in this course will assist any person involved in caring for children.

REQUIREMENTS:

Course costs of \$30 per year to incorporate practical activities and tasks.

NAME OF COURSE: COMMERCE

DEPARTMENT INVOLVED: HSIE

AIM:

Commerce aims to provide a student with the skills and knowledge they need to help them cope with everyday living both now and in the future. Commerce is very relevant and useful because it concentrates on topics students will face as consumers, workers, community members, tax payers and voters. Since Commerce provides students with skills for everyday life it is relevant to students of all abilities.

Core study

1. Consumer and Financial Decisions
2. The Economic and Business Environment
3. Employment and Work Futures
4. Law, Society and Political Involvement

Options

Classes will study 4-5 of the following topics

1. Our Economy
2. Investing
3. Promoting and Selling
4. Running a Business
5. Law in Action
6. Travel
7. Towards Independence
8. School-developed Option

**NAME OF COURSE: COMPUTING STUDIES -
 INFORMATION AND SOFTWARE
 TECHNOLOGY (IST)**

DEPARTMENT INVOLVED: SCIENCE / COMPUTING

Aim:

Participation in Information and Software Technology (Computing) in Years 9-10 appeals to students through their attraction to concrete activities and their enjoyment of learning about and using computers. As a result of studying this course, students will be equipped to make appropriate use of and informed choices about information technology both at a personal level and in the workplace. Students will be prepared for future developments and directions in the exciting and challenging field of information technology. They can develop interest in, enjoyment of and critical reflection about information technology as an integral part of modern society.

The purpose of this syllabus is to develop students' knowledge, confidence and creativity in designing, analysing, developing and evaluating information technology solutions. Students will become flexible lifelong learners who are proficient and responsible users of information technology.

Students that wish to continue with either Information Processes and Technology or Software Design and Development for their HSC should take this course in Years 9 and 10.

Content:

This course integrates the study of core content within the context of optional topics delivered through projects. Students undertaking the course must complete core content within the study of a minimum of 4 option topics. Students are expected to complete a minimum of 4 and a maximum of 8 projects.

Core

The core content cannot be taught in isolation: it must be integrated with content from optional topics and projects. The core is divided into the following areas:

- | | |
|--|---------------------------------------|
| * <i>Past, Current and Emerging Technologies</i> | * <i>People</i> |
| * <i>Data Handling</i> | * <i>Software</i> |
| * <i>Hardware</i> | * <i>Design, Produce and Evaluate</i> |
| * <i>Issues</i> | |

Option Topics

Optional topics allow for the contextualisation and application of the core content. Teachers will select optional topics that utilize the school's resources and consider student interest, teacher expertise and local community resources. The optional topics are:

- *Artificial Intelligence, Simulation and Modelling*
- *Authoring Applications and Multimedia*
- *Database Design*
- *Digital Media*
- *Internet and Website Development*
- *Networking and Operating Systems*
- *Robotics and Automated Systems*
- *Software Development and Programming.*

Requirements:

Students will require a USB flash disk so that their work can be backed up and taken home. There is a \$25.00 fee to cover running costs.

NAME OF COURSE:

DANCE

DEPARTMENT INVOLVED:

P.D.H.P.E.

Course Description

Dance provides students with opportunities to experience and enjoy dance as an art form. In an integrated study of the practices of performance, composition and appreciation, students develop both physical skill and aesthetic, artistic and cultural understandings. The course enables students to express ideas creatively and to communicate physically, verbally and in written form as they make, perform and analyse dances.

Content:

There are 3 strands within the dance course: Performance, Composition and Appreciation.

Performance:

- * Develop dance technique through an understanding of safe dance practices.
- * Participate in practical dance classes.
- * Execute a variety of movement sequences and dances.
- * Performance opportunities at local festivals and competitions.

Composition:

- * Create movement to express an idea.
- * Participate in practical movement workshops.
- * Choreograph and perform own dances.

Appreciation:

- * Describing and analysing dance.
- * Viewing of dance works.
- * Research tasks.

Participation and book work:

- * Actively participate in all classes.
- * Wearing suitable dance attire or – black tights & WHS Dance Singlet.

Dance is a highly practical subject with performance opportunities available to students. Students will learn how to create, perform and analyse dance in an integrated study. The structure of the course enables all students to participate and achieve at a high level. Previous dance training is not essential.

Additional Costume fees will be charged

NAME OF COURSE:

DESIGN AND TECHNOLOGY

DEPARTMENT INVOLVED:

APPLIED TECHNOLOGY

Course Description:

Design and Technology is a very **practical based course** that develops a student's ability for innovative and creative thought through the planning and production of design projects related to real-life needs and situations.

The design and development of **individual quality projects** gives students the opportunity to identify needs and opportunities, research and investigate existing solutions, analyse data and information, generate, justify and evaluate ideas, and experiment with tools, materials and techniques to manage and produce design projects.

They will also be encouraged to **explore the use of a variety of materials and resources** in the design and creation of four projects over the two year course. Design projects will give students the opportunity to be creative and independent learners.

The practical component of the course will take up the majority of the course time, giving students a greater opportunity to develop their skills. Students can choose their own product to design and produce using any material or combination of materials that they wish eg, timber, metal, wire, fabric, ceramics and plastics.

Students will have a further opportunity to express their creative ideas and abilities in the development of a supporting document for each project.

What will students learn about:

All students will learn about the design, production and evaluation of quality designed solutions. They will learn about a range of design processes, the interrelationship of design with other areas of study and the activity of designers over time, across a range of areas.

Students will **develop the ideas for their individual design projects** through a variety of design focus areas. The **areas studied will depend on the mix of students in the class**, based on their interests and creative ideas. The subject is very student driven with students able to contribute to the direction the course will take.

What will students learn to do:

Students undertaking Design and Technology will learn to be **creative and innovative** in the development and communication of solutions to problems relating to design and designing. Students will learn to identify, analyse and respond to needs through research and experimentation leading to the development of quality design projects. They will learn to access, manage and safely use a range of materials, tools and techniques to aid in the **development of their own design projects** and to critically evaluate their own work and the work of others. Project management skills will be developed through individual design projects.

Requirements:

- Students are required to provide some materials and resources for their own individual projects. It is essential that these are provided at the beginning of each unit so that students gain the full benefit of the available time.
 - Book and supporting document folio.
 - A fee of \$20 per year to provide learning experiences to achieve course requirements – some basic items and materials will be provided in the classroom.
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NAME OF COURSE:

DRAMA

DEPARTMENT INVOLVED:

CAPA

AIM:

The aim of Drama is to develop your ability and confidence to express yourself through your body and your mind and to appreciate dramatic and theatrical works.

CONTENT:

Level 1 (Year 9)

Improvisation and play building are the basis of the Year 9 Drama course. Through specific workshops you develop the skill of playing a character through voice and movement. You will be introduced to elements of production, including design and techniques.

Level 2 (Year 10)

You will continue to develop skills introduced in Level 1 while investigating different types of theatre and styles of plays. Workshops are also designed around the performance of a monologue, scripted drama and group work. You may be given the opportunity to perform in the Regional Drama Festival / ANZAC Ceremony / Expo Day Assembly. The course culminates in a showcase performance in Term 4 of Year 10.

REQUIREMENTS:

Assessment is based on your ability to communicate imaginatively, explore ideas creatively and work co-operatively with others. You will be required to keep a Log Book of your work, submit written assignments, complete practical assessment tasks and participate in all drama workshops as part of your final assessment. You will be encouraged to attend one/two theatre excursions throughout the year. The course fee will cover at least one of these.

You must be a reliable person who can work responsibly in group situations, commit to attending excursions and attend rehearsals when necessary. You must also be willing to perform in front of an audience.

NAME OF COURSE:

**ELECTIVE HISTORY:
Personalities, Events and Societies**

DEPARTMENT INVOLVED: HSIE

Aim:

The course Personalities, Events and Societies is designed for those students with a real interest in increasing their knowledge and understanding of ancient and modern history.

Content:

During Years 9 and 10 students will study the following topics:

- History, Heritage & Archaeology – the nature of history and the nature of historical sources.
- “Ancient, Medieval and Early Modern Societies” – in depth studies of at least two ancient, medieval and early modern societies from anywhere in the world.
- “Thematic Studies” – an in depth study of at least one historical theme with emphasis on students undertaking independent learning in an area that interests them. Themes can include ones such as “Heroes and Villains I History”; “Myths and Legends” or a current topic area such as “Terrorism”.

Topic 1: History, Heritage and Archaeology

Topic 2: Ancient, Medieval and Modern Societies

Topic 3: Thematic Studies Options

Students study at least ONE of the following:

- Continuity and diversity of Aboriginal cultures and histories
 - Economy and society
 - Children in history
 - Crime and punishment
 - Gender in the past
 - Heroes and villains
 - Music through history
 - Power and political unrest
 - Religious and spiritual beliefs/practices
 - Slavery
 - Sport and recreation in history
 - War and peace
 - World myths and legends
 - A school-developed study
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NAME OF COURSE: FOOD TECHNOLOGY

DEPARTMENT INVOLVED: APPLIED TECHNOLOGY TAS

About the course:

The study of Food Technology provides students with a broad knowledge and understanding of food properties, **processing, preparation** and their interrelationship, nutritional considerations and consumption patterns. It addresses the importance of hygiene and safe working practices and legislation in the production of food. **This is a very hands on, practical based course.**

Students will develop food-specific skills, which can then be applied in a range of contexts enabling students **to produce quality food products**. It also provides students with a context through which to **explore the richness, pleasure and variety food, which adds to life** and how it contributed to both vocational and general life experiences.

What will students learn about?

Students will learn about food in a variety of settings, enabling them to evaluate the relationships between food, technology, nutritional status and the quality of life. The following focus areas provide a context through which the core (food preparation and processing, nutrition and consumption) will be studied.

- | | |
|-----------------------------|------------------------------|
| * Food in Australia | * Food service and catering |
| * Food equity | * Food for special needs |
| * Food product development | * Food for special occasions |
| * Food selection and health | * Food trends |

What will students learn to do?

The major emphasis of the Food Technology syllabus is on students **exploring food related issues through a range of practical experiences**, allowing them to make informed and appropriate choices with regard to food. Integral to this course is students developing the ability and confidence to design, produce and evaluate solutions to situations involving food. They will learn to select and use appropriate ingredients, methods and equipment safely and competently.

Who should choose this course?

If you enjoy learning about food and preparing food then this is for you; especially if you would like to learn more about the careers in the food industry. If you enjoy an active lifestyle and are keen on sport and wish to maintain a healthy body then you will also enjoy learning about preparing food for good health.

Requirements:

- WH&S legislation requires students to be correctly attired for practical experiences (protective shoes and apron with cap).
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NAME OF COURSE:

**INDUSTRIAL TECHNOLOGY -
BUILDING AND CONSTRUCTION**

DEPARTMENT INVOLVED:

INDUSTRIAL ARTS TAS

The Building and Construction focus area provides opportunities for students to develop knowledge, understanding and skills in relation to the building and associated industries. Core modules develop knowledge and skills in the use of materials, tools and techniques related to building and construction.

Practical projects make up the majority of the course and reflect the nature of the Building and Construction area. These projects provide opportunities for students to develop specific knowledge, understanding and skills related to building and construction-related technologies.

Projects include:

- Individual projects to take home on completion, that develop building skills
- construction of small structures
- scale models
- development of garden and recreational areas

Requirements:

The use portable power tools commonly found on construction sites. Willingness to work outdoors and in groups for some parts of the course. Students electing this subject are required to provide their own protective clothing i.e. apron and enclosed leather shoes. A sketch book, soft pencil, eraser and 68 page exercise book are compulsory items for participation in the course together with the nominated fee.



NAME OF COURSE:

INDUSTRIAL TECHNOLOGY - TIMBER

DEPARTMENT INVOLVED:

INDUSTRIAL ARTS TAS

The Timber focus area provides opportunities for students to develop knowledge, understanding and skills in relation to the timber and associated industries.

The core module develops knowledge and skills in the use of tools, materials and techniques related to timber which are enhanced and further developed through the study of a specialist module.

Practical projects undertaken will reflect the nature of the Timber focus area and provide opportunities for students to develop specific knowledge, understanding and skills related to timber technologies. These may include:

- decorative timber products
- furniture items
- small bowls or turned items
- storage and display units
- storage and transportation products

Students will be given opportunity to develop Design Skills appropriate to the machines and processes with experience in materials, hardware, joining materials and finishes. Exposure and experience in Planning Skills - sequencing of operations, reading and production of drawings and related computer awareness to the wood industry. Construction Skills including, safety, material preparation, cutting out, joining, shaping and forming on the wood lathe, tool maintenance and finishes.



Requirements:

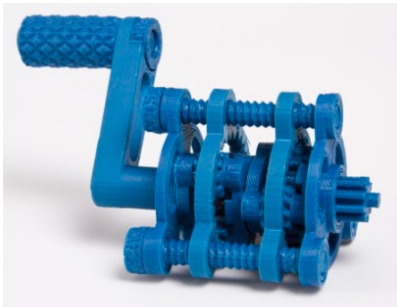
The use of lathe, drill press, jig saw, disc sander, drum sander, hole saw, orbital sander, dowelling jig, morticing machine, portable drill and router are just some of machines that will be used during the course. Students electing this subject are required to provide their own protective clothing i.e. apron and enclosed leather shoes. A sketch book, soft pencil, eraser and assignment research book are compulsory items for participation in the course together with the nominated fee.

NAME OF COURSE:

INDUSTRIAL TECHNOLOGY - STEM/ENGINEERING

DEPARTMENT INVOLVED:

INDUSTRIAL ARTS TAS

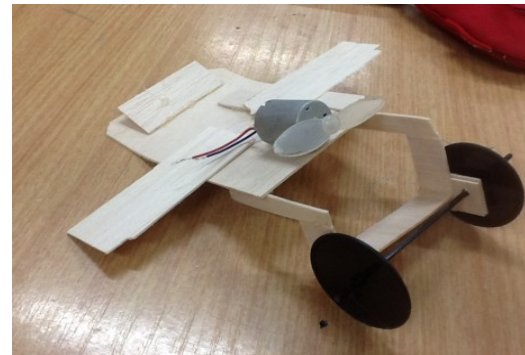


STEM/ENGINEERING refers to science, technology, engineering and mathematics. The importance of STEM/ENGINEERING disciplines for the future economic and social well-being of Australia cannot be underestimated. International research indicates that 75 per cent of the fastest growing occupations require STEM/ENGINEERING skills and knowledge.

STEM/ENGINEERING moves away from textbook approaches to teaching technology, science and mathematics and utilises hands on problem based learning techniques which have been found to engage students. The program is designed to challenge and engage students.

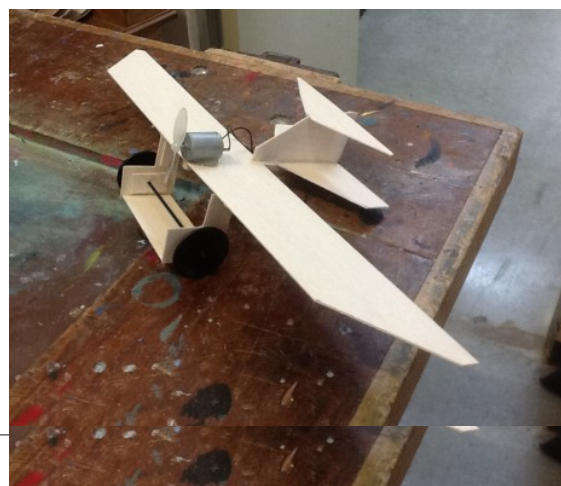
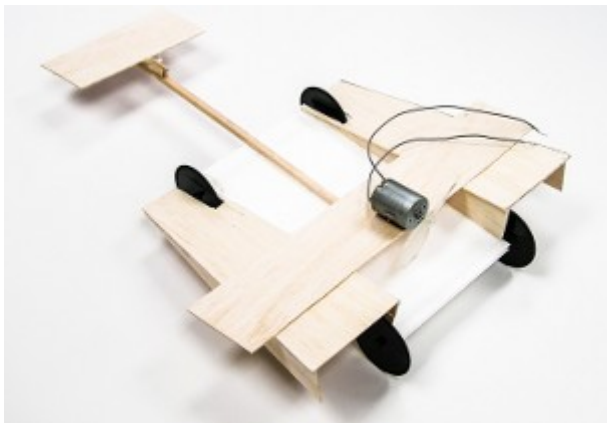
Modules that students study in STEM/ENGINEERING may include; STEM/ENGINEERING Fundamentals, Aerodynamics, Motion, Mechatronics, Structures, Control Mechanisms, Alternative Energy, Surveying, Design for Space, Statistics in Action and 3D CAD/CAM.

Students may be provided with opportunities to challenge themselves in various STEM/ENGINEERING based competitions, such as; Science and Engineering Challenge, electric vehicle investigations, alternate energy, 3D Printer Art, Laser designs, etc.



What should I consider before choosing this subject?

- Do you enjoy problem solving in Maths, Science and/or Technology?
- Do you enjoy project based learning?
- Are you interested in using Technology to solve problems?
- Are you looking to study Engineering, Maths, Physics and/or Chemistry at university?
- Are you interested in being challenged in class?



NAME OF COURSE:

JAPANESE

DEPARTMENT INVOLVED:

LOTE

Aim:

The aim of the course will be to develop student's language skills to enable them to communicate simply but effectively in a Japanese social environment.

Content:

In addition to Hiragana, students will learn Katakana, and a number of common use Kanji. Students will cover a range of topics including:

School Life	Home Life
Shopping	Eating Out
Getting About	Meeting/Visiting People
Speaking on the Phone	

Cultural study will also be closely integrated with the teaching of the language. A wide range of resources, materials and teaching strategies such as role play, games, songs, videos, pair work and practical activities will be used to suit the needs, interests and abilities of the students.

In addition students can be involved in:

- Opportunity to visit Japan
 - Participation in cultural exchanges
 - Opportunity to host visiting Japanese students
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NAME OF COURSE:

MUSIC

DEPARTMENT INVOLVED:

CAPA

AIM:

The aim of Elective Music is to provide students with the opportunity to acquire the knowledge, understanding and skills necessary for active engagement and enjoyment in performing, composing and listening, and to allow a range of music to have a continuing role in their lives. Students will experience a range of styles of music from Pre-Classical to Modern, Rock, Jazz and Contemporary Genres.

In the Music Elective courses students will study:

The concepts of music (Pitch, Duration, Texture, Dynamics and Expressive Techniques and Tone Colour) through the learning experience of performing, composing and listening within the context of a range of styles, periods and genres.

Knowledge, understanding and skills:

Students will develop knowledge, understanding and skills in the concepts of music through:

- Performing as a means of self-expression, interpreting musical symbols and developing solo and/or ensemble techniques
 - Composing as a means of self-expression, musical creation and problem solving
 - Listening as a means of extending aural awareness and communicating ideas about music in social, cultural and historical contexts.
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**NAME OF COURSE: PHYSICAL ACTIVITY AND SPORTS STUDIES
(HUMAN MOVEMENT)**

DEPARTMENT INVOLVED: P.D.H.P.E.

Aim:

Physical Activity and Sports Studies is an elective content endorsed course studied in Years 9 and 10.

Course Description:

Physical Activity and Sports Studies aims to enhance students' capacity to participate effectively in physical activity and sport, leading to improved quality of life for themselves and others. Students engage in a wide range of physical activities in order to develop key understandings about how and why we move and how to enhance quality and enjoyment of movement.

What will students learn about?

The course includes modules selected from each of the following three areas of study:

Foundations of Physical Activity

- Body systems and energy for physical activity
- Physical activity for health
- Physical fitness
- Fundamentals of movement skill development
- Nutrition and physical activity
- Participating with safety

Physical Activity and Sport in Society

- Australia's sporting identity
- Lifestyle, leisure and recreation
- Physical activity and sport for specific groups
- Opportunities and pathways in physical activity and sport
- Issues in physical activity and sport

Enhancing Participation and Performance

- Promoting active lifestyles
- Coaching
- Enhancing performance – strategies and techniques
- Technology, participation and performance
- Event management

What will students learn to do?

Throughout the course students will develop skills that develop their ability to:

- work collaboratively with others to enhance participation, enjoyment and performance in physical activity and sport
- display management and planning skills to achieve personal and group goals in physical activity and sport
- perform movement skills with increasing proficiency
- analyse and appraise information, opinions and observations to inform physical activity and sport decisions.

Requirements: students are expected to have a change of clothes to participate in practical lessons as per the same requirements for P.D.H.P.E practical lessons.

NAME OF COURSE: VISUAL ARTS

DEPARTMENT INVOLVED: CAPA

Aim:

1. To develop visual expression, awareness and imagination.
2. To develop the potential to see and act creatively.
3. To make and study all aspects of the Visual Arts.

Students in Years 9 and 10 will use a variety of artforms – such as drawing, painting, photography, sculpture, printmaking, ceramics and digital media – to create personal artworks. These works will explore a range of issues, ideas and media.

The Stage 5 Visual Arts course extends students' Artmaking experiences from Stage 4 by building on their skills and use of various techniques to express themselves in more sophisticated ways. Students are given the opportunity to explore contemporary and traditional practices that can be independently interpreted.

Students will undertake both critical and historical study of artists, their work and artistic traditions using the Conceptual Framework and the Frames. They will also visit art galleries to view specific exhibitions which will enhance their classroom learning.

Requirements:

The syllabus requires students to have a Visual Arts Diary, which we supply as part of the fees. The art kit includes a range of essential art equipment which students will use throughout the course. Students will only be provided with an art kit upon payment of the subject fee.

NAME OF COURSE: VISUAL DESIGN

DEPARTMENT INVOLVED: CAPA

Students in this course will learn about Visual Design and all of its forms. They will learn to communicate their ideas and interests by looking at contemporary trends and at how Designers (digital, print, fashion, interior, web) make visual design artworks for a commercial audience. They will explore the work of visual designers practice exploring a broad range of techniques and concepts.

They will explore product and object design (chair and shoes and stationary design), print media design (poster and cover design), logo and packaging design and digital media and photomedia using a range of materials and techniques. Special emphasis will be on integrating the use of industry standard software such as Photoshop to create their Visual Design artworks.

Students will learn to develop their ability to think creatively, solve problems and respond to a design brief within a specific time frame. Students will have many opportunities to create work on external competitions and collaborate in small groups.

Requirements:

Students are required to keep a Visual Design Diary (VDD) which we supply as part of their fees. Students will receive an art kit containing essential equipment for student's use throughout the course. This will only be supplied upon payment of subject fee.

Compulsory Courses

NAME OF COURSE:	ENGLISH
DEPARTMENT INVOLVED:	ENGLISH

This course is compulsory for all Year 9 and 10 students in NSW.

AIM:

The English program in Year 9 aims to further develop and refine the ability to communicate through concentration on reading, writing, speaking, listening, viewing and representing skills. Students will learn to respond to and enjoy a wide range of texts. They will also develop their composition skills.

CONTENT:

These skills are enhanced through the close study of different types of literature and all forms of media, catering for the varying interests and abilities amongst Year 9 students. The study of Shakespeare is a compulsory unit in Years 9 and 10.

REQUIREMENTS:

Assessment for Year 9 English is a combination of set assignments, exams, tests and class work. Throughout the year, students are required to write critical and creative responses, construct multimodal presentations and participate in a film/media study. Students are also required to satisfactorily complete all work set by the class teacher.

This assessment policy allows students to develop a clear understanding of the expectations for the Year 10 RoSA course. Similarly, it helps students plot their progress within the subject and begin to focus on areas for improvement.

In preparation for the demands of the Year 9 English course students are encouraged to read as widely as possible making sure they do some recreational reading every day. Well developed comprehension skills are the cornerstone to success in written, oral and visual communication.

NAME OF COURSE:

GEOGRAPHY

DEPARTMENT INVOLVED:

HSIE

Aim:

The aim of the Year 9/10 Geography course is to give students an understanding of the physical and human environments of Australia and Australia's role and place in the world and its region.

Content:

This course is compulsory for all Year 9/10 students in NSW. At the end of Year 10, students will be awarded a grade for their Year 10 RoSA.

The course comprises the following topics:

- Investigating Australia's Physical Environments
- Changing Australian Communities
- Issues in Australian Environments
- Australia in its Regional and Global Contexts

As well as knowledge, students will acquire geographical skills involving the use of maps, graphs, charts, photographs as well as research skills.

NAME OF COURSE:

HISTORY

DEPARTMENT INVOLVED:

HSIE

Aim:

The aim of the Year 9/10 History course is to develop in students an understanding and appreciation of how Australia has developed as a nation from Federation to the present.

Content:

This course is compulsory for all Year 9/10 students in Australia. At the end of Year 10, students will be awarded a grade for their Year 10 RoSA.

The course comprises the following topics:

- Making a better world: The Industrial Revolution
 - Australia & Asia: Asia & the World
 - Australia at War (WW1 & 2)
 - Rights & Freedoms
 - The Globalising World
 - Depth Study TBA
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NAME OF COURSE:

MATHEMATICS

DEPARTMENT INVOLVED:

MATHS

INFORMATION:

Students in Years 9 and 10 will work towards completing one of three pathways for Mathematics. They are: Stages 5.1, 5.2 and 5.3. Stage 5.2 builds on and includes Stage 5.1. Stage 5.3 builds on and includes Stages 5.1 and 5.2.

To achieve the outcomes for Stage 5, the use of a scientific calculator is mandatory.

Students will have the opportunity to develop an appreciation of Mathematics and its application in their everyday lives. The study of Mathematics enables students to become self-motivated learners through enquiry and active participation in challenging and engaging experiences.

Students study Number, Patterns and Algebra, Data, Measurement, Space and Geometry. Within each of these strands students will cover a range of topics in each course.

Students will be placed in the appropriate class according to their performance in Year 8.

NAME OF COURSE: Personal Development, Health and Physical Education.

DEPARTMENT INVOLVED: PDHPE

Aim:

Personal Development, Health and Physical Education (P.D.H.P.E.) develops the knowledge, understanding, skills and attitudes important for students to take positive action to protect and enhance health, safety and wellbeing in varied and changing contexts.

The P.D.H.P.E. course for Stage 5 is an integrated program consisting of practical and theory lessons.

Content:

The practical component comprises units on: Gymnastics, Athletics, Fundamental Movement Skills, Dance and variety of modified games and movement challenges.

The theory content includes units on: Risk, Diversity, Digital Safety and maintaining a balanced lifestyle.

Requirements:

Students are expected to have a change of clothes to participate in PE lesson. The uniform requirements are as follows:

- Maroon shorts / tracksuit pants
- White PE shirt
- Maroon jumper / Tracksuit jacket

The PE uniform is available from the school's uniform shop.

NAME OF COURSE:

SCIENCE

DEPARTMENT INVOLVED:

SCIENCE

This course is compulsory for all Year 9 and 10 students in NSW.

AIM:

The Science course in Years 9 and 10 is designed to continue to provide experiences in Science which will contribute to students developing interest in and awareness of Science.

The program will include context from all disciplines of Science and aims to develop their skills, abilities and understanding.

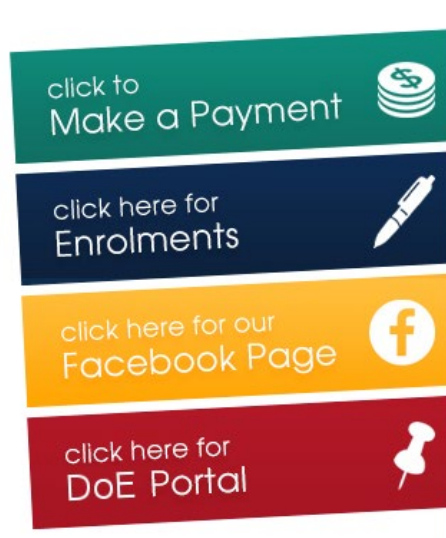
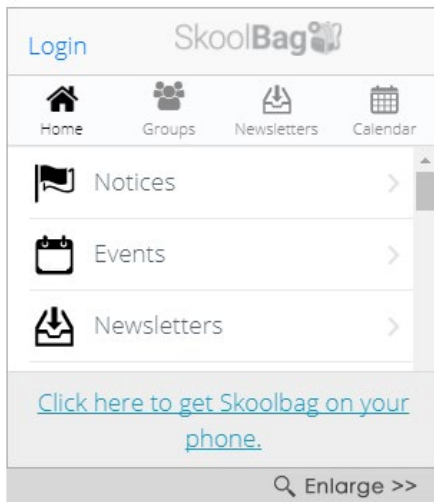
All students will study a common program that will prepare them for the various Stage 6 Science courses.

Science students, in stages 4 and 5, must complete a Student Research Project to fulfil the Board of Studies syllabus requirements for a Stage 5 RoSA.

The research project is an open ended investigation, the topic being selected by the student. Students will be expected to plan, research, experiment and report on their topic in an appropriate format. Class time will be given to set up the project but student will be expected to complete the experimental work, associated research and final project report at home.

Online Subject Selection Instructions

Go to our Winmalee High school website and click on the **DoE Portal**



Log into your email account



Click on the **Timetable** link at the bottom left of your screen.



Your Timetable will be displayed and follow the instructions over the page.....

INSTRUCTIONS

SCREENSHOT | CLARIFICATION

Once a student logs in to their Student Portal account and selects the timetable link on the bottom left-hand side of the screen, they will see their current timetable displayed.

The timetable can be viewed for each day of the cycle. Changes made in Extras, such as teacher and rooms, will reflect for the current day.

Timetable will be highlighted in blue for the current day and time.

Period Time	Period	Room Number	Room	Subject	Teacher
8:15 AM to 8:40 AM	Before School Duty				
8:40 AM to 9:00 AM	Roll Call				
9:00 AM to 9:54 AM	P1				
9:54 AM to 10:48 AM	P2				
10:48 AM to 11:18 AM	Recess				
11:18 AM to 12:12 PM	P3				
12:12 PM to 1:06 PM	P4				
1:06 PM to 1:36 PM	Lunch				
1:36 PM to 2:30 PM	P5				
2:30 PM to 3:00 PM	After School Duty				

Step 1

Click on **Open Subject Selection**.

1:06 PM to 1:36 PM

1:36 PM to 2:30 PM

2:30 PM to 3:00 PM

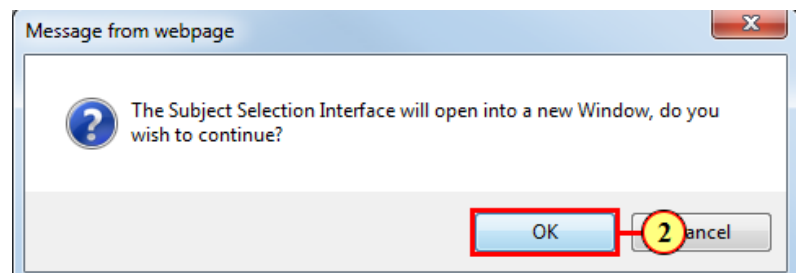
Open Subject Selection

1

Step 2

A pop-up message will display.

Click on **OK** to open the **Subject Selection Interface** page.



Note: Guidelines will display at the top of the page.

Note: Total units will accumulate, excluding reserves as the student enters choices.

Subject Selection Choices

Year 11 Subject Selections (Select between 6 and 8 subjects)

Guidelines:

Please use the following URL for Advice about choosing HSC courses:

<http://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/subject-selection>
Meeting HSC eligibility requirements

You must satisfactorily complete:

- a Preliminary pattern of study that includes at least 12 units
 - an HSC pattern of study that includes at least 10 units.
- Both patterns of study must include at least:
- 6 units of Board Developed Courses
 - 2 units of a Board Developed Course in English, or English Studies
 - 3 courses of 2 or more units (either Board Developed or Board Endorsed Courses)
 - 4 subjects.

Selecting Extension Courses

- Students selecting English Extension must also select English Advanced
- Students selecting Maths Extension must also select Mathematics

Total units selected = 0

INSTRUCTIONS

Note: Student makes choices, following the parameters provided.

(The list shown on the right is an example only and the not all subjects offered at Winmalee)

SCREENSHOT | CLARIFICATION

English (Select 1 subject) 1 subjects selected		Main Choice (Select 5 subjects) 3 subjects selected		Extension (Select between 0 and 2 subjects) 0 subjects selected	
Priority	Subject	Priority	Subject	Priority	Subject
1	11 English Advanced <small>(Category A, Score 2)</small>		11 Agriculture - \$40 <small>(Category A, Score 2)</small>		11 English Extension <small>(Category A, Score 1)</small>
	11 English Standard <small>(Category A, Score 2)</small>	1	11 Ancient History <small>(Category A, Score 2)</small>		11 Maths Extension <small>(Category A, Score 1)</small>
	11 English as a Second Language <small>(Category A, Score 2)</small>		11 Biology <small>(Category A, Score 2)</small>		
	11 English Studies <small>(Category NA, Score 2)</small>		11 Business Studies <small>(Category A, Score 2)</small>		
			11 Chemistry <small>(Category A, Score 2)</small>		
			11 Economics <small>(Category A, Score 2)</small>		
			11 Earth and Environmental Science <small>(Category A, Score 2)</small>		
			11 Engineering Studies <small>(Category A, Score 2)</small>		
			11 Investigating Science <small>(Category A, Score 2)</small>		
			11 Industrial Technology Timber <small>(Category A, Score 2)</small>		
			11 Legal Studies <small>(Category A, Score 2)</small>		
		2	11 Mathematics <small>(Category A, Score 2)</small>		
		3	11 Modern History <small>(Category A, Score 2)</small>		
			11 Mathematics Standard <small>(Category A, Score 2)</small>		
			11 Music 1 <small>(Category A, Score 2)</small>		
			11 PDHPE <small>(Category A, Score 2)</small>		
			11 Physics <small>(Category A, Score 2)</small>		
			11 Sport Lifestyle and Recreation <small>(Category NA, Score 2)</small>		
			11 Visual Arts		

Note: Reserve choices, display in a single list. Subjects already selected will be visible but disabled for selection.

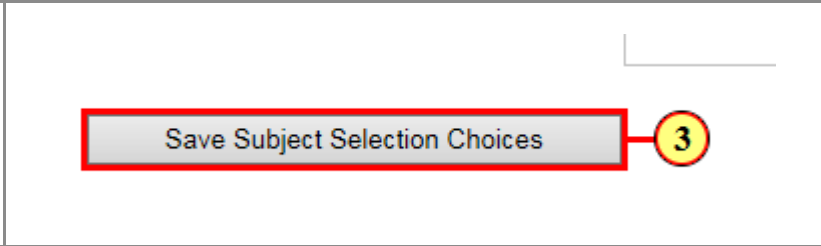
(The list shown on the right is an example only and the not all subjects offered at Winmalee)

Reserve Choices (Select 2 subjects) 0 subjects selected	
Priority	Subject
<input type="checkbox"/>	11 Agriculture - \$40 (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 Ancient History (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 Biology (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 Business Studies (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 Chemistry (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 Economics (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 Earth and Environmental Science (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 Engineering Studies (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 Investigating Science (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 Industrial Technology Timber (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 Legal Studies (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 Mathematics (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 Modern History (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 Mathematics Standard (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 Music 1 (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 PDHPE (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 Physics (Main Choice) <small>(Category A, Score 2)</small>
<input type="checkbox"/>	11 Sport Lifestyle and Recreation (Main Choice) <small>(Category NA, Score 2)</small>
<input type="checkbox"/>	11 Visual Arts (Main Choice)

INSTRUCTIONS	SCREENSHOT CLARIFICATION
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Step 3

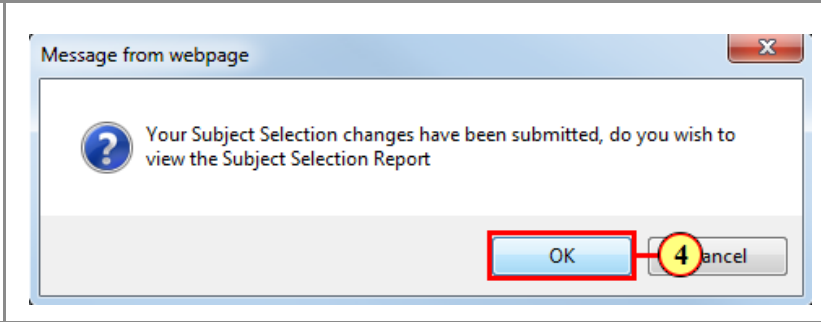
Once complete, student should click on **Save Subject Selection Choices**.



Step 4

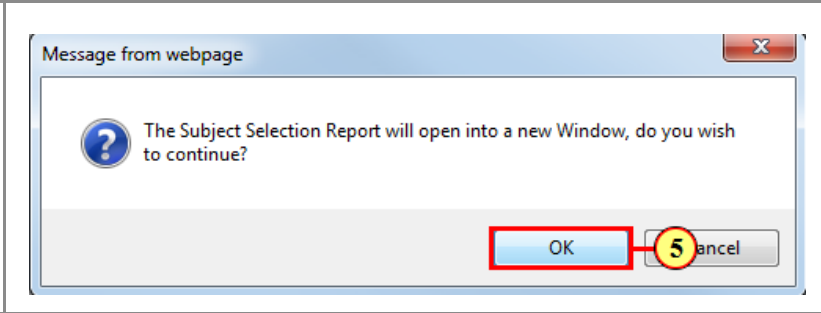
A pop-up message will display.

Click on **OK** to view the **Subject Selection Report**.



Step 5

Click on **OK** to confirm the report will open in a new window.



Note: Students' choices are displayed, including **Score** and **Category**. The **Total Score** excludes reserve choices.

Subject Selection Approval Form

	Year 11 Subject Selections	Score	Category	Preference
English	11 English Advanced	2	A	1
Main Choice	11 Ancient History	2	A	1
Main Choice	11 Mathematics	2	A	2
Main Choice	11 Modern History	2	A	3
Main Choice	11 Music 1	2	A	5
Main Choice	11 Information and Digital Technology (VET)	2	B	4
Extension	11 Maths Extension	1	A	1
Reserve Choice	11 Agriculture - B40 (Main Choice)	2	A	2
Reserve Choice	11 Biology (Main Choice)	2	A	1
Total Score (excluding reserves):		13		

Note: Provision for a **Parent/Guardian Signature** and **Date** is at the bottom. The **Guidelines** also display.

This can be printed signed by a parent and returned to the school office.

Parent/Guardian Signature: _____ Date: _____

Guidelines:
 Please use the following URL for Advice about choosing HSC courses:
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 • Students selecting English Extension must also select English Advanced
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