

Learning Program Handbook

YEAR 8, 2022



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The Year 8 Learning Program Handbook provides students with the information required to select their specialist subjects for 2022. Year 8 is an opportunity to start to focus on areas of interest for the first time.

Our curriculum is framed by subject offerings from the Australian Curriculum, offering challenging and exciting learning experiences.

Our learning programs give students the opportunity to be:

- responsible and independent
- effective communicators
- resilient, lifelong learners
- compassionate global citizens
- imaginative and critical thinkers
- collaborative team members

Students in Year 8 have a range of other learning opportunities including carnivals, leadership opportunities and extension.

Curriculum Organisation

Students study a combination of compulsory and specialist subjects designed to provide an engaging learning experience. Core subjects, which are compulsory for all students, are aligned with the Australian Curriculum. These include:

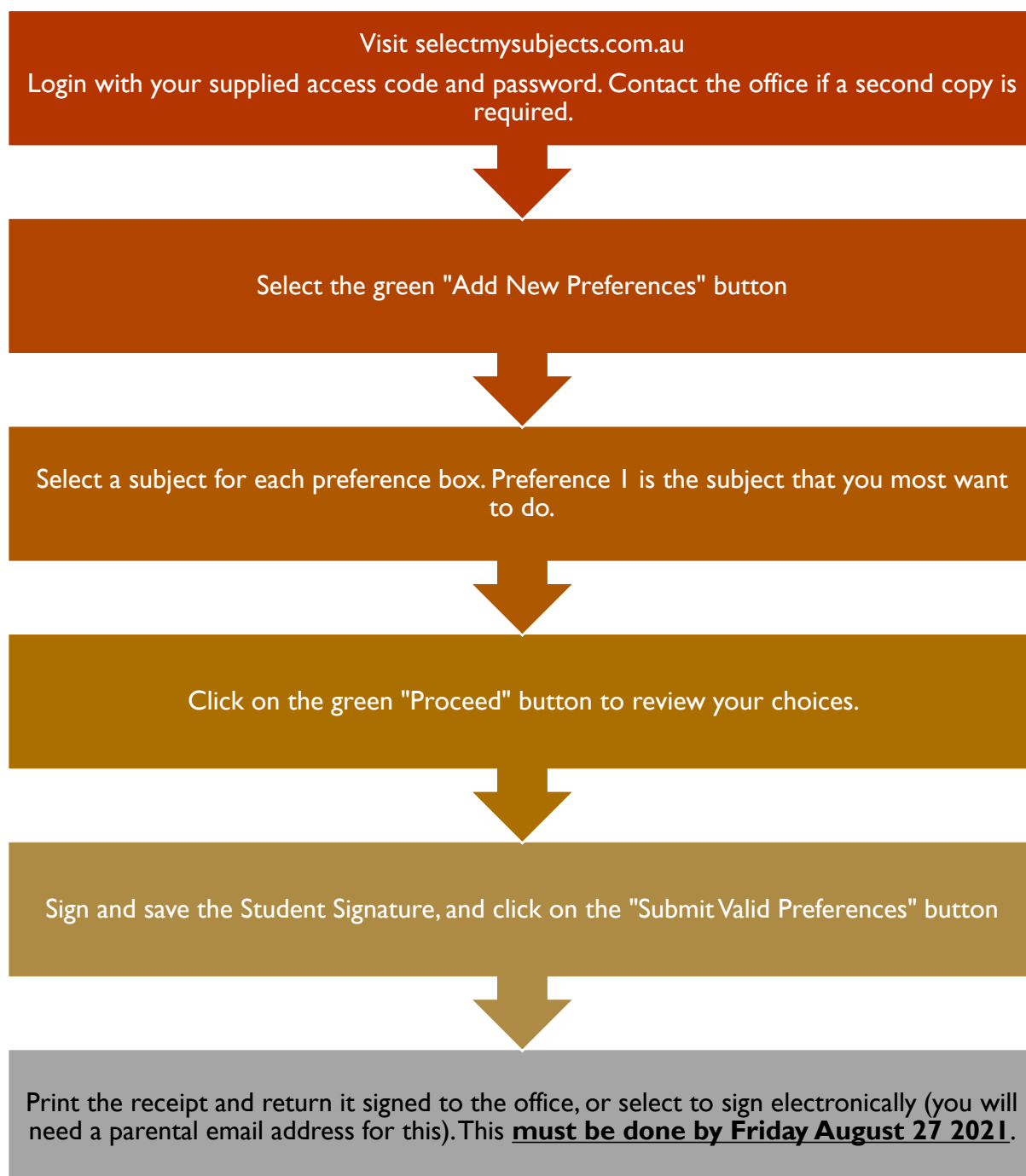
- English
- Health and Physical Education
- Humanities and Social Sciences
- Mathematics
- Science

In addition to the core program students can select from a range of specialist subjects. Year 8 students have **five** compulsory core subjects, **three** specialist subjects and **one** line of mixed enrichment short-course programs.

This timetable is structured to allow flexibility and variety for student course selections.

Online Course Selection Process

The selection process opens for Year 8 students on **Thursday August 19 2021** following information assemblies for each year group. To complete the process please follow the steps below:



Every attempt will be made to place a student into the courses that they have chosen in their preferences.

Design Technologies

Curriculum Area Leaders – Mr Todd Appleton + Miss Julie Rankin

Applied Technology

Students who love to make and do will have the opportunity to design and make projects using leather, wood, metal, plastics, ceramics, or a combination of these materials. They will further their understandings of the properties of materials and reflect on the processes undertaken.

As they develop their design skills, students will identify and critique best possible solutions for their design and the materials utilized. They will develop criteria for success including sustainability considerations and use these to judge the suitability of their ideas. Students apply project management skills to document and use project plans to manage production processes.

Computer-Aided Design (CAD)

In Computer-Aided Design students will participate in a unique and enjoyable subject that provides an excellent introduction to:

- technical graphic drawing techniques used in the Vocational and Applied Learning area
- producing, reading and understanding technical drawings
- skill development for studies in Computer-Aided Design in Year 9 & 10

Design in Metal

In Design in Metal students will develop their skills and understanding about metal-working processes with a hands-on approach. In this course students will:

- learn how to use a range of metal-working tools
- design and construct a range of interesting tools and other products from metal
- learn about work, health and safety requirements in the workshop
- complete required written theory and homework components

Design in Wood

In Design in Wood students will develop their skills and understanding about design and construction using wood and wood products. Students will learn about:

- timber and joinery
- working and use of sheet materials
- using hand tools with precision
- assembly techniques
- accurate measuring techniques

Food Technology

This course is a continuation of the Introduction to Foods and Cooking course in Grade 7. Students will build upon the skills and knowledge previously learnt. Students will have the opportunity to have input to their own learning by completing Design Challenges. They will amongst other things, investigate why we need food and what contributes to good health. There will be a balance between practical and theoretical sessions, with each complementing each other to produce a sound skill and knowledge base. It will lead in well to further study in Year 9 and 10 and beyond.

Digital Technologies **Curriculum Area Leader – Mr Pete Edwards**

Digital Technologies

In Digital Technologies students will develop valuable understandings for daily interactions with modern technology processes and systems. In this course students will learn about:

- graphics and animation
- programming
- multimedia and video
- data representation
- hardware and mechanical computing
- robotics

Electronics

The Electronics course is for students to complete practical projects using electrical components such as resistors, diodes, capacitors and transistors. Students will learn the basics of electronics as they build working projects including alarms, electronic dice, timer circuits, remotes, and other exciting projects. Students will learn the skill of soldering electronic components and how to design and build simple electronic circuit boards. No prior experience is necessary.

Health and Physical Education (HPE) **Curriculum Area Leader – Mr Warwick Lovell**

Sport Fitness

This subject is suitable for boys who enjoy participating in fitness activities and want to improve their general and sport-specific fitness. The Sport Fitness class will access a range of facilities and resources at school, including the pavilion strength and conditioning room, the school gymnasium and the school ovals. Students will participate in:

- a range of strength and conditioning activities
- developing their knowledge and understanding of safe training practices and sport-based fitness practices
- developing their general physical fitness

Languages Other Than English (LOTE)
Curriculum Area Leader – Ms Suzie Jones

French

Vive le français
Oh là, là, c'est magnifique
La langue de l'amour !

In French, students will learn to make connections between English and French languages by :

- using common phrases and expressions to speak French to communicate with others in authentic situations and to understand French as a system
- understanding and appreciating the cultural context in which French is used

Japanese

Boys studying Japanese will develop their skills in:

- Japanese pronunciation, intonation, stress patterns and accents
- reading and writing of the Hiragana script, the Katakana script and prescribed Kanji
- speaking and listening for particular purposes
- key sentence structures and grammatical forms

The Arts
Curriculum Area Leaders – Mr Pete Young + Ms Amanda Fletcher

Drama

In Drama students will have the opportunity to:

- use improvisation skills, games play and scene work
- study introduction to puppetry
- incorporate design elements such as set, light, multimedia and make up
- create, maintain and portray different characters on stage
- perform constructed work to an audience with confidence

Music Guitar

Music Guitar will give specialist and individual instrument tuition which:

- is designed to improve instrumental technique, performance, listening and creative outcomes
- involves performing music in ensembles, as a soloist or individual practice
- involves learning to read and write music, use technology and electronically create music
- critically listen and analyse music

Music Instrumental

Music Instrumental will give specialist and individual instrument tuition which:

- includes instruments: the flute, clarinet, saxophone, cornet, trumpet, baritone, French/tenor horn, euphonium, trombone and tuba
- involves performing music in ensemble, as a soloist, or individual practice
- is a creative subject where you will learn to read and write music, use technology and electronically create music, critically listen and analyse music

Note: Year 8 music students are expected to be available to participate in a music ensemble - either the grade seven/eight concert, brass ensemble, woodwind ensemble, or guitar ensemble. Music ensembles rehearse after school.

Visual Art

In Visual Art students will:

- develop technical skills in sculpture, painting, drawing, printmaking, photography and computer-generated art
- learn how to interpret the visual world through an understanding of past and present contexts, cultures and artists
- develop a portfolio of work through the manipulation of materials and tools.