

2021 EDITION



# APPLECROSS

SENIOR HIGH SCHOOL  
INDEPENDENT PUBLIC SCHOOL

Curriculum Handbook

YEAR | 8

Achieve

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## Compulsory Subjects

Subject	Number of Hours
English	4 hours per week for the year
Mathematics	4 hours per week for the year
Science	4 hours per week for the year
Humanities and Social Sciences	4 hours per week for the year
The Arts <ul style="list-style-type: none"> <li>- Visual Art</li> <li>- Drama</li> <li>- Special Art</li> <li>- Music</li> </ul>	2 hours per week per semester (+4 hrs per week for Special Art in Saturday Workshops)
Health Education	1 hour per week for the year
Languages	2 hours per week for the year
Physical Education (or Specialist Tennis)	2 hours per week for the year (4 hours per week for Special Tennis)
Technologies <ul style="list-style-type: none"> <li>- Digital Technologies</li> <li>- Design and Technologies - Food and Fibre</li> </ul>	2 hours per week per semester
<b>Total Compulsory Subjects</b>	<b>25 hours per week</b>

### Literacy and eLearning:

eLearning is an essential component of teaching and learning experiences in the 21<sup>st</sup> century classroom. Digital platforms are used as a means of teaching, learning and assessment across subject areas. Curriculum-aligned lessons enable a personalised learning experience with immediate feedback catering to each student's needs.

In Lower school English, Science and Languages, online assessment contributes to ways in which we report to parents on student learning. The use of digital platforms as a means of developing Literacy skills is critical to NAPLAN Online and OLNA readiness.

#### Note

This arrangement may vary for students in some specialist programs:

**Specialist Tennis students** will do only two hours per week in the Arts and Technologies for a semester.

**Gifted and Talented Special Art students will not be placed in Drama or Visual Art.**

**Music students will not be placed in Drama or Visual Art.**

**List of Proposed Excursions** – A list will be available for all subjects from 1 December the year preceding studies. This will be available under the 'Back to School' tab on the school website.

**All course costs are given as a guide only. These are based on the 2020 pricing structures and are subject to change in 2021.**

## Deadlines for Subject Changes

Change	Course	Deadline
Year 7	Music	In consultation with Music Teacher
Year 7	Specialist Tennis	In consultation with Specialist Tennis Coordinator
Year 8	Music	In consultation with Music Teacher
Year 8	Specialist Tennis	In consultation with Specialist Tennis Coordinator
Year 9	Electives	Semester 1 – End of Week 3, Term 1 Semester 2 – End of Week 2, Term 3
	Specialist Tennis	In consultation with Specialist Tennis Coordinator
	Music	In consultation with Music Teacher
Year 10	Electives	Semester 1 – End of Week 3, Term 1 Semester 2 – End of Week 2, Term 3
	Specialist Tennis	In consultation with Specialist Tennis Coordinator
	Music	In consultation with Music Teacher

## The Arts

### DRAMA

#### Starting Drama – 8DRA (Semester 1 or 2)

While some students intend to make a career in drama related fields, they also participate in drama for enjoyment and satisfaction. Students experience the pleasure that comes from developing personal skills, knowledge and understandings that can be transferred to a range of careers and situations. In the Year 8 Drama course students gain important Drama skills integral to the performing arts such as mime, soundscapes, physical theatre, improvisation, small scripts and a themed based performance with selected groups performing in a night time showcase. Importantly, the course is excellent for extending personal expression and enhancing creativity, confidence and self-esteem.

The cost of this course in 2020 was \$10.00

## Music

### 8MUS (Semester 1)

### 8MUSB (Semester 2)

The Music program is a three-part package, which consists of:

- Class Music elective
- Instrumental lessons
- Ensemble membership

#### An important definition:

Instrumental Music School Services (IMSS) is the Department of Education's instrumental lesson program available in most government schools throughout Western Australia. You may know of it as 'SIM' or 'SIMS'.

#### ELIGIBILITY FOR THE MUSIC PROGRAM

There are two ways to be eligible for Music at Applecross Senior High School:

1. Continue your IMSS instrument
2. Continue a privately taught instrument – please see Ensembles list below.

Please note these aspects of Instrumental Music School Services policy:

1. IMSS does not normally allow students to change instruments.
2. Privately taught students are not normally permitted to enter the IMSS program.

#### ENSEMBLES

There are four ensembles in which Year 8 students typically participate:

- Concert Band 2 (flute, clarinet, saxophone, trumpet, trombone, euphonium and percussion)
- Cygnet String Orchestra (violin, viola, cello and double bass)
- Junior Guitar Ensemble (for classical guitar only)
- Chamber Choir (for all vocal students from Year 7-12...other keen Music students are also welcome)

It is possible for more advanced Year 8 instrumental students to audition for membership of the senior ensembles (Concert Band 1, Scimitar String Orchestra and Senior Guitar Ensemble). The auditions assess the student's capacity to play at the appropriate technical level for these ensembles. Students must speak to the Teacher in Charge of Music about this.

#### PERFORMANCES

Typically, Year 8 students perform in these events each year:

- Term Two *Autumn Concerts* (junior ensembles)
- Term Three *WA Schools' Festivals*
- More advanced students (senior ensembles) will be involved in the Term One *Senior Concerts* and the Term Three *Spring Concerts*
- Term Four *Under the Stars Picnic Concert* (all ensembles)

### Class, Instrumental and Ensemble Music - 8MUS and 8MUSB

Class Music is designed for students to develop skills that are vital for successful instrumental and ensemble performances. In this course, students will develop skills in listening awareness (aural perception) and basic music knowledge (theory). They will also express themselves through composition and arrangement activities, as well as gaining an understanding of what makes us listen to, and enjoy, music of different eras, cultures and styles (Music in Society). Practical music-making activities are a small, but regular component of this course.

The cost of this course in 2020 was \$45.00 per semester.

#### Additional costs:

1. IMSS students who are eligible to hire an instrument will have to pay an annual fee. In 2020 this was \$170.00.
2. More advanced students in senior ensembles participate in the Term One *Senior Ensembles Rehearsal Camp and Primary Schools Concert Tour*. The cost of this excursion in 2020 was \$250.00.

**Special Conditions: Completion of courses 7MUS and 7MUSB is a prerequisite for studying these Year 8 music courses. If these courses have not been completed, an interview with the Teacher in Charge of Music is required. Students must learn a musical instrument at school or privately.**

## VISUAL ARTS

### Visual Art – 8ART (Semester 1 or 2)

Students will develop their creative ideas and explore art making through experiment with a selection of techniques and processes to present a finished 2D/3D artwork following the principles of Art & Design. (Focus areas may include drawing, printmaking, painting, sculpture graphics, photography or multimedia). Students will develop understandings of their Visual Language and Design Principles through both practical and written tasks.

The cost of this course in 2020 was \$15.00

### Special Art

#### Advanced Drawing – 8SPA (Semester 1)

This course is designed to extend the skills developed in the Foundation Drawing course in Year 7. Students will explore, in depth, the drawing “Principles” using classic and contemporary drawing media as a vehicle. They will develop an understanding of Art Language and the importance of Drawing in arts practice. Students will create complex drawings that reflect a mixed-media approach and produce at least one major work for display.

The cost of this course in 2020 was \$47.00.

**NOTE:** This course is available only to selected Gifted and Talented Visual Art students.

### Special Art

#### Ceramics/Sculpture - 8SPAB (Semester 2)

In this course, students explore the basic 3 dimensional techniques. They will also develop an understanding of compositional devices and appreciate the role of the Elements and Principles of Art and how they relate to 3D Form. Students study a contemporary Australian Artist in case study format and make work in the medium of ceramics and/or sculpture. Students will produce at least one major work for display.

The cost of this course in 2020 was \$47.00.

**NOTE:** The SPA and SPAB courses are available only to selected Gifted and Talented Visual Art students. Please note that an additional Special Art charge applies for Saturday morning costs, this costing in 2020 was \$380.

## English

Students learn about the English language and how to use it effectively. The study of English plays a vital role in the development of literacy, enhances students' learning in all areas of the curriculum and provides them with the communication skills and critical understanding of language necessary for active participation in society. All students will cover the Australian Curriculum English Course. Creativity, Critical thinking, Grammar and English skills of communication are the basis of all courses. Wide reading is encouraged through all courses to improve literacy.

### English – 8ENG

Students study the Australian Curriculum English Course, focusing on **Language, Literacy** and **Literature**. Students are encouraged to engage with various text types, such as: traditional tales, biography feature articles and film in the first semester. In Semester Two students study a novel, documentary film, poetry and drama. Diverse programs (*Seven Steps Writing* and *Advancement Via Individual Determination – AVID*) are included with the English course to improve student writing and organisational skills. Students will boost their comprehension and grammatical skills with the online program, *Education Perfect*. Persuasive and narrative writing will be developed through participation in the *Seven Steps Writing* program. Students will participate in regular common assessment tasks throughout the year.

### English Academic Extension – 8ENGE

In addition, Academic Extension students will use their Interactive Notebook to engage with a wide range of short stories and poetry, exploring figurative language. The overarching theme of "Mystery and Perspective" in Semester One will allow students to make connections between styles and concepts. They will apply this to creating their own poems and short stories using a number of techniques including flashbacks, symbolism and multiple points of view.

In Semester Two they will focus on contextual concepts and work with Bloom's Taxonomy and Costa's Levels of Inquiry. They will also learn how to embed evidence in written responses to a number of text types. The theme for Semester Two is "Identity and Power", studying novels, documentaries and plays. They will develop the skills required to construct persuasive essays. The text types studied will include detailed study of a Shakespearean play focusing on voice, set design, costume, lighting and symbolic interpretation. Academic

Extension students will be encouraged to participate in Debating and Writing competitions.

### English Acceleration – 8ENGA

The Accelerated class provides students with the opportunity to work with like-minded students who have the desire to enhance their English skills. The program in this class is closely aligned with the mainstream English course, however as the year progresses, it begins to more closely reflect the Academic Extension program. Students are provided with the opportunity to extend their proficiency of English and possibly advance into the Academic Extension class.

### English as an Additional Language/Dialect-8ESL

This course is based on the Australian Curriculum English Course (see English courses for more details) but is tailored to suit the needs of Non-English Speaking Background students who have been in Australia, or any English speaking country for fewer than three years. Some students who have been here longer may also be accepted into the courses if numbers permit. Entry to these courses is on approval from the EAL/D Teacher in Charge or the Lower School Deputy. In all EAL/D courses, students will demonstrate their skills through reading and viewing, speaking, listening and writing.

The cost of these courses in 2020 was \$30.00

## Health and Physical Education

### Health Education –8HED/B

In this course, Year 8 students will identify skills and strategies to manage change and promote all aspects of their own and others' health, including making informed decisions, using assertive responses and making contingency plans to avoid and prevent risks to health. Students will identify the impact of negative behaviours on relationships and describe a range of factors that impact on a person's emotional response and behaviour. Topics covered include Cyber bullying, Drug Education, Nutrition as well as looking at the impact of the media on health.

The cost of this course in 2020 was \$3.00 per semester.

### Physical Education –8PES/B

Students will perform a variety of individual movement skills and sequences, demonstrating improved control, accuracy and efficiency in their performance. In competitive contexts they will implement a variety of tactics to achieve an intended outcome. Students will also be provided with the opportunity to develop their leadership skills and their understanding of the effects of physical activity on the human body. Over the course of Years 7-10 students will cover a broad range of sports developing fundamental movement skills, both on land and in water.

The cost of this course in 2020 was \$9.00 per semester.

### Specialist Tennis –

**8TEN<sub>1</sub> / 8TEN<sub>2</sub> (Semester 1)**

**8TEN<sub>3</sub> / 8TEN<sub>4</sub> (Semester 2)**

Students will focus on maintaining and improving correct training techniques, as well as developing technical and tactical aspects of their tennis game. Students will also further develop their movement and mental skills. Advanced doubles tactics will be developed during this course. These aims will be achieved through on court drills, match play, fitness and off court sessions.

The cost of this course in 2020 was \$146.00 for the year.

**NOTE: The course is available for students selected into the Specialist Tennis program only.**

## Humanities and Social Sciences

### HASS – 8HASS

In Year 8, Humanities and Social Sciences consists of Civics and Citizenship, Economics and Business, Geography and History.

- Landforms & Landscapes
- Urbanisation/Settlement patterns & migration
- The Middle Ages & the Black Death
- Law & Democracy
- Economics – Supply and Demand

In Civics and Citizenship students build on their understanding of the concepts of the Westminster system, democracy and participation. They investigate the types of law in Australia and how they are made. They consider the responsibilities and freedoms of citizens, and how Australians can actively participate in their democracy, including studying identity.

In Economics and Business, students study interdependence, making choices and resource allocation. They consider how markets work and the rights, responsibilities and opportunities that arise for businesses, consumers and governments. Work and work futures are also explored. Students focus on national and regional issues, with opportunities for the concepts to be considered in relation to local community, or global issues where appropriate.

In Geography concepts of place, space, environment, interconnection, sustainability and change continue to be developed as a way of thinking, providing students with the opportunity to inquire into the significance of landscapes to people and the spatial change in the distribution of populations. Students specifically focus on mountain or coastal systems: their uses, challenges and hazards posed to these environments. The second unit of study targets the complexities of global urbanization including the causes, impacts and solutions to the challenges of an increasingly urban world.

In History, concepts are investigated within the historical context of the end of the ancient period to the beginning of the modern period, c. 650 AD (CE) – 1750. They consider how societies changed, what key beliefs and values emerged, and the causes and effects of contact between societies in this period.

### HASS Academic Extension – 8HASSE

Students meeting the selection criteria will be offered extension activities in Humanities and Social Sciences in a dedicated Academic Extension class with a focus on higher order thinking skills. Inquiries form the bulk of learning in these units, including a field trip to a coastal site and collation of primary field data. Students will also be engaged in state and national competitions where they are provided choice in selecting topics and inquiry based projects in both History and Geography.

The cost of these courses in 2020 was \$30.00

### HASS Acceleration - 8HASSA

Students in the Acceleration class demonstrate that they are capable, engaged in the content and determined to achieve. The class is designed to offer students an opportunity to develop higher order thinking skills and improve extended written responses in preparation for the Academic Extension class and success in upper school subjects. The students will also have the opportunity to participate in National Competitions.

The cost of these courses in 2020 was \$30.00

## Languages

Students learn to communicate effectively in languages and further develop their skills and understandings in English and literacy in general. They gain an understanding of **other** societies, the ability to interact with people and cultures other than their own, and practical skills which they can use in future social, cultural and vocational areas. We have exchange programs to France and to Takarazuka, Japan. Students from Years 9 to 11 may participate in these programs. Year 8 students must continue the language they studied in Year 7.

### French

#### 8FRE (Semester 1)

#### 8FREB (Semester 2)

Students will talk about the school systems in France and Australia, leisure activities and daily routines. They will also learn how to ask for and give directions and how to describe the house they live in. They will learn to use regular and irregular verbs. Students will use a range of adjectives and learn about the relationship between nouns and adjectives. Students will participate in group work, cultural activities and ICT tasks. Students will develop their language skills through listening and responding, speaking, viewing and reading and writing in French. This course is designed for second language learners. Background speakers of French will be required to enrol in Japanese. If in doubt, please contact the Teacher in Charge of the Languages Learning Area.

The cost of the course in 2020 was \$8.00 per semester.

### Japanese

#### 8JP (Semester 1)

#### 8JPB (Semester 2)

Students will become skilled at hiragana script and be introduced to katakana and a range of kanji. They will learn to talk about the things they enjoy, such as sport. They will talk about school and school subjects, after school and leisure time activities and transport. Students will participate in group work, cultural activities and ICT activities. Students will develop their language skills through listening and responding, speaking, viewing and reading and writing in Japanese. This course is designed for second language learners. Background speakers of Japanese will be required to enrol in French. If in doubt, please contact the Teacher in Charge of the Languages Learning Area.

The cost of this course in 2020 was \$8.00 per semester.

## Mathematics

### Mathematics – 8MAT

Students will use ideas about number, algebra, measurement, geometry, statistics and probability to describe, interpret and reason about their social and physical world. Mathematics plays a key role in the development of students' numeracy and assists learning across the curriculum.

Year 8 students will be placed into streamed classes based upon their Year 7 results. Even with the streaming, the majority of students will study a common course throughout the first semester of Year 8. Only the least able students are selected for a slower paced course. Further pathway division may occur in Semester Two but teaching at Pathways Extension, Acceleration, Pathway One, Two and Three will follow a common core with some extension and added depth at Pathway Extension and Acceleration and Pathway One. Students in Pathways Two and Three, who make very strong progress, will have the opportunity to attempt Pathway One in Year 9 without substantial disadvantage.

### Mathematics Academic Extension – 8MATE

The Academic Extension class will complete all the coursework as well as engaging in extension work.

Academic Extension students will continue to study problem solving strategies that will be developed conceptually throughout lower school. All Academic Extension Mathematics students will be prepared to participate in numerous competitions throughout the year. Some require time outside of class to prepare and also to compete.

### Mathematics Accelerated – 8MATA

This class will attempt to complete all the mainstream coursework as well as engaging in some extension work.

In Year 8, activities may include the Mathematics Talent Quest, Have Sum Fun Competition, Computational and Algorithmic Thinking Competition and the Australian Mathematics Competition.

### Mathematics Pathway Explanation

The Academic Extension Pathway which covers Pathway One, but also incorporates extension activities into the coursework including problem solving strategies. It is a very demanding but rewarding course.

We have also introduced an Accelerated Pathway. This has been created to cater for students who begin to cope easily with the common coursework and require some introduction to extension work and problem solving strategies.

Pathway One is the course that prepares students for the study of any Mathematics course in Years 11 and 12. It can incorporate some of the extension work covered in the Academic Extension course.

Pathway Two, if offered, provides a solid grounding in the essentials of Algebra and Number, Measurement and Geometry and Statistics and Probability, for students who wish to study ATAR courses. It is however not rigorous enough to allow the successful study of the Mathematics Specialist courses in Year 11 and 12.

Pathway Three is slower paced than Pathway Two but still covers a lot of the rudiments of the higher pathway. For the more successful student in this pathway, the course still offers sufficient preparation for the study of the Applications Mathematics course in Year 11.

The cost of any of these courses in 2020 was \$30.00.

## Science

Students investigate, understand and describe the physical, biological and technological world and value the systems and processes that support life on our planet. Science helps students to become critical thinkers who use evidence to construct conclusions.

The Australian Science Curriculum provides opportunities for students to develop an understanding of important science concepts and processes, the practices used to develop science knowledge, science's contribution to our culture and society, and its application to our lives. The curriculum supports students to develop the scientific knowledge, understandings and skills to make informed decisions about local, national and global issues and to participate if they so wish, in science related careers.

### Science – 8SCI

#### Chemical Sciences

In this topic students will learn about the periodic table, elements, compounds, chemical and physical changes.

#### Biological Sciences

In this topic students will study the differences between living and non-living things, the characteristics, classification and importance of plants and animals.

#### Physical Sciences

In this topic, students will study forces and types of energy, temperature and its measurement and types of fuels.

#### Earth and Space Sciences

In this topic, students will study the earth, its structure, rock cycle, the atmosphere and our solar system.

### Science Academic Extension – 8SCIE

The needs of academically talented students are specifically catered for through the Academic Extension Program. Students are offered a variety of learning experiences designed both to develop their skills and competencies while providing challenging and motivating learning experiences, including excursions and competitions.

In Term 1, Year 8 students will have the opportunity to build and race solar cars in the Synergy Solar Car Challenge. Students will work collaboratively to build the car from scratch and perfect the design of the car to maximise its speed. Later in the year students will broaden their knowledge of cells and explore what happens when cell division goes wrong and cells become cancerous. The Academic Extension class will visit The Harry Perkins Institute to gain hands on experience of modern research techniques relating to stem cells and cancerous cells.

### Science Acceleration – 8SCIA

The Acceleration classes provide students with an environment where they are encouraged to achieve to their potential within the scope of the curriculum. They will work with like-minded motivated students to participate in engagement activities, depending on the special interests of the students and teacher. This enables students to possibly advance into the Academic Extension class during Years 8-10.

The cost of these courses in 2020 was \$30.00

## Technologies

### DIGITAL TECHNOLOGIES

Students apply knowledge, skills and resources in the development of practical solutions to problems. Through this process they learn to be innovative, adaptable and reflective as they select and use appropriate materials, information and systems to achieve worthwhile results.

#### Digital Technologies – 8DIG (Semester 1 or 2)

Learning in Digital Technologies focuses on further developing understanding and skills in computational thinking, such as decomposing problems, and engaging students with a wider range of information systems as they broaden their experiences and involvement in national, regional and global activities.

Students investigate the properties of networked systems and their suitability and use for the transmission of data types. They will acquire, analyse, visualise and evaluate various types of data, and the complexities of storing and transmitting that data in digital systems. Students use structured data to model objects and events that shape the communities they actively engage with. They further develop their understanding of the vital role that data plays in their lives, and how the data and related systems define and are limited by technical, environmental, economic and social constraints.

Students will have opportunities to plan and manage individual and team projects. They will consider ways of managing the exchange of ideas, tasks, files, and techniques for monitoring progress and feedback. When communicating and collaborating online, students develop an understanding of different social contexts: including acknowledging cultural practices and meeting legal obligations.

The cost of a similar course in 2020 was \$10.00

### HOME ECONOMICS

Home Economics is a fun, hands-on subject area encompassing many life skills. Using a technology and health focus, students are encouraged to use their own initiative to solve problems while working cooperatively with others, using appropriate equipment, and managing time effectively. The cost of the food courses includes all the food and equipment requirements.

#### Food and Fibre – 8FAF (Semester 1 or S 2)

Fun with Food (1 Term) This course offers students the opportunity to explore food in an exciting and practical way. Students study food and its relationship with good health, focusing on the role of nutrients and the importance of making appropriate food choices. Students also learn about the importance of safety and hygiene in the kitchen; and they prepare foods to develop their cooking skills. This is a hands-on, practical course that promotes the development of independence, encourages working collaboratively and allows students to develop confidence in the kitchen.

Requirements: students are required to bring a container to all cooking lessons

Fun with Fabric (1 Term) This course gives students an introduction to the world of textiles and sewing. Through the construction of simple items, students develop the skills required to use a sewing machine successfully and gain an understanding of how various textiles are suited to specific uses.

The cost of a similar course in 2020 was \$40.00