



FREMANTLE
COLLEGE

Course Handbook 2020

Years 7 and 8



Enthusiasm for
Learning

Curiosity
Leadership

Kindness

Perseverance

INTRODUCTION

This handbook contains course subjects and electives information for students (split into Learning Areas) who will be in Years 7 and 8 in 2020. It is designed as a reference to the courses and subjects offered at Fremantle College. The School Curriculum and Standards Authority (SCSA.<https://www.scsa.wa.edu.au/>) provide additional information about assessment and certification.

In addition, SCSA has issued a directive requiring all students in Years 7 and 8 spend a minimum number of hours studying courses from The Arts and Technologies as well as from Health and Physical Education and the core subjects of Mathematics, Science, English and HaSS (Humanities and Social Sciences). Consequently, students in Years 7 and 8 will do a semester of the elective courses in this handbook (unless in an Academy or Specialist Program).

Advice and information is also available from the Associate Principals, Heads of Learning Area and the teaching staff.

Good partnerships between teachers, parents and students are essential to your child's success. Good communication and feedback are also important. We are using technology to improve communication to parents and students this year. These initiatives include:

Facebook® – Fremantle College has an official Facebook Page. This will be used as a tool to communicate with parents and the broader community about what is happening in our school. You will be regularly updated about all the great things that happen in our College. Be sure to like our page and subscribe to the notifications.

Connect for Students – Connect is a portal available to teachers and students. Students can log into Connect using their usual login and password. They can communicate with teachers, save files (assignments, notes etc.), access resources that the teacher has made available to the class, and monitor their assessment in each class. Students will also receive an email account linked to Connect once they begin with Fremantle College.

Connect for Parents – When your registration for Connect for Parents is processed at the start of the school year in 2020, you will be able to see your child's timetable, attendance records for each class, and assessment progress in each class. Connect for Parents will also enable you to communicate with teachers via email. Be sure you download the Connect Now app for your smartphone and tablet.

Email - We have been using email for some time in an attempt to reduce paper usage and to speed up communications. Parents are encouraged to provide and update the school with their most current email address so that you do not miss out on important information.

SMS Text messaging – We will continue to send text messages to parents regarding student absenteeism, and on occasion, for important news. Please ensure we have your current mobile phone number and update the school with new numbers for these key communications.

All information contained in this handbook is correct at the time of publication.

LEARNING AREA: MATHEMATICS

The mathematics content covers **understanding, fluency, problem-solving** and **reasoning** across number and algebra, measurement and geometry, and statistics and probability. The skills reinforce the significance of working mathematically within maths and describe how it is explored or developed. They provide the language to build in the developmental aspects of the learning of mathematics. The achievement standards reflect the content and encompass the proficiencies

LEARNING AREA: ENGLISH

The English curriculum is built around the three interrelated strands of **language, literature and literacy**. Teaching and learning programs balance and integrate these which develop students' knowledge, understanding and skills in listening, reading, viewing, speaking, writing and creating. Learning in English builds on concepts, skills and processes developed in earlier years, and teachers will revisit and strengthen these as needed.

In Years 7 and 8, students communicate with peers, teachers, individuals, groups and community members in a range of face-to-face and online/virtual environments. They experience learning in familiar and unfamiliar contexts that relate to the school curriculum, local community, regional and global contexts.

LEARNING AREA: SCIENCE

Students explore the diversity of life on Earth and continue to develop their understanding of ordering and organising information. They use and develop models such as food chains, food webs and the water cycle to represent and analyse the flow of energy and matter through ecosystems and explore the impact of changes within these systems. They explore the notion of renewable and non-renewable resources and consider how this system depends on the timescale considered. They investigate relationships in the Earth-sun-moon system and use models to predict and explain events. Students make accurate measurements and control variables to analyse relationships between system parts. They explore and explain relationships and consider the role of science in decision making processes.

LEARNING AREA: HUMANITIES AND SOCIAL SCIENCES (HaSS)

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

Students develop increasing independence in critical thinking and skill application, which includes questioning, researching, analysing, evaluating, communicating and reflecting. They apply these skills to investigate events, developments, issues, and phenomena, both historical and contemporary.

LEARNING AREA: HEALTH AND PHYSICAL RECREATION

Students identify attitudes and values for a healthy, active lifestyle and demonstrate values consistent with the prevention of ill-health, the acceptance of personal responsibility for their health and physical activity levels, respect for social justice principles and a commitment to personal achievement. The Health & Physical Education curriculum provides opportunities for students to develop, enhance and exhibit attitudes and values that promote a healthy lifestyle

LEARNING AREA: THE ARTS

DRAMA

The Years 7 and 8 Drama (General) course ignites spontaneity and imagination in a stimulating learning environment, where students will develop greater skills in improvisation, voice and movement techniques. Drama will be based on self-devised and script excerpts using selected drama forms and styles, such as realism, naturalism and children's theatre. Students will also have the opportunity to design and present drama to an audience, further developing their performance skills. Students will enjoy rehearsing and performing with the wonderful state-of-the-art Performing Arts Centre at Fremantle College.

VISUAL ARTS

Visual Arts incorporates several Arts disciplines including Drawing, Painting, Design, Ceramics, Sculpture, Textiles, Jewellery and Fashion Design.

Students are encouraged to use visual communication to challenge their own original ideas, and the ideas of others, both as arts practitioners, and members of an audience. They will develop and extend conceptual and perceptual knowledge and understanding, critical analysis and practical skills, through the exploration of the world in which they live and experience and the world of the imagination.

The Visual Arts course encourages students in an exciting journey of self-discovery, experimentation, and practical problem solving embedded in visual inquiry, analysis, creative problem solving and Visual Arts practice.

The Visual Arts course extends students' critical thinking skills in the analysis and interpretation of artworks, encouraging cultural appreciation of the arts in both a historical and a contemporary context, through the exploration of artists and their works.

YEAR 7

In Year 7, students will have opportunities to use and apply visual language and arts conventions to inform their design production process. They will have the opportunity to create both 2D and 3D artworks through projects that encourage the making and responding aspects of the Western Australian Curriculum, as well as analysing and critiquing their own work. Fundamental to the course is the understanding of the elements and principles of design in the development of visual language as a means of visual communication to convey a concept or idea across a variety of different studio disciplines. Students are urged to follow safe work practices when in a studio environment. Student works produced will be exhibited at the Fremantle College Arts Fest at the conclusion of the school year in Term 4.

YEAR 8

In Year 8, students will be familiar with the elements and principles of design, and how these are used in combination to inform Visual Language in the creation of artworks across a variety of different studio disciplines. They will have the opportunity to create both 2D and 3D artworks, and will use personal response as a platform to analyse and investigate both their own works and the works of other artists, craftspeople and designers studied. They will have the opportunity to evaluate art in a cultural context with a historical basis, and its relevance to contemporary arts practice.

Students will study artists and their work practices and cultivate and develop similar disciplines in their work practices in the studio context of the learning environment and their own emerging works whether 2D or 3D. They will be encouraged to engage in safe work practices in the studio. In Term 4, the students will celebrate the products of their work in our Fremantle College Arts Fest, where their work will be exhibited and displayed to the public.

MEDIA ARTS

YEAR 7

In Year 7, students are provided with opportunities to view media work within the context of the selected focus. They are introduced to the basic communication model, explore different viewpoints in contemporary media, plan and create representations in media work and respond to their own work and the work of others.

Students work as a team, follow timelines, and use processes and strategies to ensure safe and responsible use of media equipment.

YEAR 8

In Year 8, students are provided with opportunities to view media work within the context of the selected focus. Students build on media concepts from previous years, through expansion of the basic communication model to include new and emerging media technologies. They apply their understanding of intended audience, purpose and context in their productions and in their response to their own and others' media work. They explore current trends in how audience(s) use media.

Students begin to solve problems, work as a team, follow timelines and use processes and strategies to ensure safe and responsible use of media equipment.

MUSIC

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Over the course of the Music (General) program, students are introduced to the elements and concepts of music through learning musical instruments and playing songs as part of a band. Students use the Calvert Music Centre's state of the art Music Technology Lab to learn about recording and sequencing. As students progress through the program and skills are acquired, they start to learn to compose and record their own music.

LEARNING AREA: TECHNOLOGIES

COMPUTING: DIGITAL TECHNOLOGIES

The Computing program at Fremantle College calls on a suite of modern technology to develop students' information technology skills for an increasingly interconnected world.

Hardware topics studied as part of the computing course may include Robotics, BBC Micro:Bit and single-board computing. Learning how modern computers work and have developed over time are also examined, as is the link between computers and electronics.

Students also look at the interface between technology and users through the study and use of software. Here students are taught how to program using a variety of development tools such as Logo, Python, C+, HTML/CSS and JavaScript.

Objectives.

Work within Digital Technologies gives students the opportunity to:

- Work responsibly online and using information technology.
- Use a variety of techniques and resources to design hardware solutions.
- Use a variety of techniques and resources to develop and use software applications.
- Think critically and become problem solvers.
- Evaluate a pathway at university or vocational studies in information technology.

Students plan and manage individual and team projects with some autonomy. They consider ways of managing the exchange of ideas, tasks and files, and techniques for monitoring progress and feedback. When communicating and collaborating online, students develop an understanding of different social contexts, for example acknowledging cultural practices and what it means to be a responsible online citizen.

DESIGN and TECHNOLOGIES: wood, metal, engineering

Design and Technology actively engages students in creating quality designed solutions for identified needs and opportunities across a range of technologies contexts. At Fremantle College students work within the wood, metals and advanced materials contexts, with a developing focus in design and engineering.

Through Design and Technologies students manage projects independently and collaboratively from conception to realisation. They apply design and systems thinking and design processes to investigate, generate and refine ideas, plan, produce and evaluate projects. They develop a sense of pride, satisfaction and enjoyment from their ability to make things.

Students consider the economic, environmental and social impacts of technological change and how the choice and use of materials contributes to a sustainable future.

Objectives.

Work within Design and Technologies gives students the opportunity to:

- Work safely in a workshop situation.
- Use a variety of tools and techniques to work with wood, metals and advanced materials.
- Learn the principles of design through guided and independent projects.
- Evaluate a pathway at university or vocational studies in materials technology.

Our course is intended to provide students with the time and resources to experience work with materials across their college career.

The intent is to give students a “taste” of materials work in years 7-8, help them to explore a deeper understanding of wood, metals and other contexts in years 9-10 before potentially entering a Certificate pathway in upper school. The working environment provides authentic experience to students and exposes them to the types of courses offered in the future as well as knowledge of the professions which work with materials.

HOME ECONOMICS

YEAR 7

Home Economics is a fun, hands-on subject area encompassing many life-skills and where students are encouraged to use their own initiative to solve problems, work co-operatively with others, use appropriate equipment, and manage time effectively.

In Year 7 students will have the opportunity to work in both Food Technology and Textiles, which are

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designed to teach the fundamentals of both cooking and sewing.

The Year 7 Food and Nutrition course gives the students the opportunity to develop their food preparation skills, through the use of a variety of cooking techniques, whilst working with others. Students will also learn about the importance of breakfast, and general information on nutrition models. This will allow students to begin making good decisions about their food choices.

The Year 7 Textiles course gives students an introduction and an opportunity to develop basic sewing skills. These skills are developed through a variety of practical projects, using different types of fabrics. Students will also start to develop their understanding of sustainability.

YEAR 8

In Year 8 students will be given an opportunity to continue to develop their skills in both Food and Textiles.

The Year 8 Food and Nutrition course allows students to build on and develop their basic food preparation skills using a variety of kitchen equipment and tools. They will study the importance of nutrition for good health, looking specifically at teenagers in order to make healthy food choices in the future.

The Year 8 Textiles course gives students an opportunity to learn machine sewing techniques including sewing seams and inserting a zip. They will be introduced to basic embellishment skills. They will investigate, design and create a variety of textiles projects.

LEARNING AREA: LANGUAGES

FRENCH

This elective attracts a compulsory Charge of \$20.00 per semester to cover cost of resources

The Year 7 and 8 French courses are a year-long beginners' course, accessible to all students, whether they have studied a language at primary school or not. It introduces the students to the basic elements of the language thus enabling them to communicate with French speaking people in everyday situations which would be encountered when travelling in France or one of the French speaking countries. The course covers a number of different topics which enable students to communicate at a basic level in the following topics:

- All about France
- Greetings
- Talking about yourself (name, age, nationality, birthday, address)
- Facts and figures: numbers, dates
- Months of the year and days of the week
- Your family – (physical and personality descriptions)
- Colours
- Weather and seasons
- Clothing
- Food – like and dislikes

Assessment

The outcomes assessed in French are Listening, Responding and Speaking, Viewing, Reading & Responding and Writing. A number of learning activities are undertaken throughout the semester which are designed to allow students to display a variety of skills including listening, speaking, reading and writing. Each task is assessed and the students are awarded an appropriate grade at the end of each semester. Students are also expected to keep a portfolio of their work which provides an ongoing record of their achievements in the language