

DONNYBROOK DISTRICT HIGH SCHOOL

10



YEAR10
COURSE INFORMATION 2022

YEAR 10 COURSE INFORMATION

The Western Australian Curriculum, which is inclusive of what is prescribed in the Australian Curriculum, sets out the knowledge, understandings, skills, values and attitudes students are expected to acquire by the completion of Year 10. To achieve this, student's complete subjects from the following learning areas:

- English
- Mathematics
- Science
- Humanities and Social Sciences (HaSS)
- Health and Physical Education
- The Arts
- Technology and Enterprise

A typical timetable structure for Year 10 students is inclusive of four periods of English, Mathematics, Science, HASS and at least one period of Health and two periods of Physical Education per week. To better prepare our students for ongoing education and careers, our timetable has all Year 10 students completing a Certificate I in Workplace Skills, that includes career guidance, portfolio development and study skills. To further support literacy, reading and research skills, students also have one Study Skills period.

In addition to this, students have an opportunity to complete additional subjects known as Electives, which cover The Arts and Technologies. We endeavour to provide a balanced curriculum whilst catering for student interests. Additionally, we also provide the opportunity for Year 10 students to complete a pathway course such as Catering, STEM, YES.

Year 10 students will receive an assessment schedule at the start of each semester. Parents will be able to access this via Connect or by contacting the classroom teacher. Students can expect regular testing and assignment work in each semester. In Semester 2, exams will also form a part of their assessment in the core subject areas of English, Mathematics, HASS and Science. Other than assignment work, students may also receive other homework to help them establish an effective study routine in preparation for Senior School studies. As we are trying to assist students to become autonomous learners, we encourage the use of a diary to help them take responsibility for their learning and assignment work.

Form

Students attend form class each morning to provide additional pastoral care. At this time, students get important notes and messages about what is happening on the day ahead. They also receive Positive Behaviour Support at this time where we explicitly teach the expected behaviours of our school.

Year 10 Extension Class

In 2022, selected Year 10 students will be part of a combined class of Year 9 and Year 10 students who have been identified as able to achieve at a high level in their core subject areas. They will be provided with intense support, from subject specialists, to assist them to achieve their goals. They will join their other cohort members for Options and Physical Education. This class will be particularly suited to ATAR bound students but will only have limited places available. Suitability for the course will be determined by the Associate Principal, based on previous results, NAPLAN data and work ethic.

COMPULSORY SUBJECTS

ENGLISH

In the Western Australian Curriculum, studying English is seen as being 'central the learning and development of all young Australians.' The study of English helps young people develop the knowledge and skills needed for higher education, training and for the workplace. As we are a multi-cultural population, it is not only important that we effectively communicate in Standard Australian English, it is important that we aim to broaden the experience of students by engaging with literature examining the contribution made to Australian society by Aboriginal and Torres Strait Islander peoples, as well as literature which examines our links to Asia.

Students in Year 10 consolidate their understanding of textual construction and develop their understanding of representation through the study of literary, popular and every day texts. Students complete increasingly specialised courses which aim to address the diversity of their skills and understanding in preparation for their Senior School studies at Foundation, General or ATAR level.

English is organised into three interrelated strands and their sub strands which focus on developing students' knowledge, understanding and skills in the language modes of listening, reading, viewing speaking and writing:

Language: knowing about the English language.

Literature: understanding, appreciating, responding to, analysing and creating literature.

Literacy: expanding the repertoire of English usage.

MATHEMATICS

Students in Year 10 are given the opportunity to work in groups that have programs developed to meet their academic needs and abilities, with a focus on preparation for Senior School and beyond. All students study the mathematics content strands which are Number and Algebra, Measurement and Geometry, Statistics and Probability. Students are also shown the thinking of mathematics explicit in the proficiency strands which are Understanding, Fluency, Problem Solving and Reasoning.

SCIENCE

Year 10 is a very important year as students prepare themselves for Senior School. A greater emphasis is placed on providing the skills and background knowledge needed for Senior School Science, and on evaluating the impact of Science on societies and environments. Students study motion and energy conservation in Physics, reactions and equations, plus reaction rates and biotechnology and genetics in Biology. In Earth and Space, students study the universe including galaxies, stars and solar systems in addition to global systems and interactions. During Chemistry, students will study the structure of an atom and different types of chemical reactions occur at different rates.

COMPULSORY SUBJECTS

HUMANITIES AND SOCIAL SCIENCES

In Year 10, students consolidate the skills learnt in previous years to interpret and analyse global issues by investigating important social issues of our world that may confront us in the 21st Century. There is a focus on data and source analysis to prepare students for success in Senior School. Year 10 students will study the History program that provides an in depth view of World War II with a major focus on how the conflict affected Australians at home and at war. Students will also focus on Civil Rights Movements and the fight for equal rights by Aboriginal and Torres Strait Islander peoples. This is coupled with the Civics and Citizenship unit of study which focuses on the role of the United Nations and Declarations. In Economics, students will investigate the distribution of wealth through the economy and economic decision making. Time will also be spent focusing on Physical Geography and Environmental Issues as well as measuring and mapping human well-being in a global context.

HEALTH AND PHYSICAL EDUCATION

Health Education

Year 10 Health Education aims to educate students to develop positive attitudes towards health and well-being and to equip them to make healthy lifestyle choices. The major areas of study include: alcohol and other drug related issues, development and relationship issues in adolescence, fitness and nutrition. 'Keys for Life' is an important component of Health Education in Year 10. Responsible behaviours, use of safer cars, trip planning and safer socialising are explored through this program.

Physical Education

Year 10 Physical Education provides students with an understanding of the skills needed for confident participation in sport and recreational activities. This enables students to make responsible decisions about physical activity and to promote their own and others' health and well-being. Physical activity contexts including volleyball, touch, badminton, basketball and tennis allow students to learn and achieve their best regardless of the level at which they perform. Students in Year 10 are involved in a Sport Education program that includes both Specialist Physical Education and Sport. Sport Education gives flexibility and depth to what we offer the students and is inclusive of Coaching, Umpiring and First Aid Certificates.

ALL STUDENTS

CERTIFICATE I IN WORKPLACE SKILLS

Certificate I in Workplace Skills education involves learning to manage and take responsibility for personal workplace and career development. The course involves recognising one's individual skills and talents, and using this understanding to assist in gaining and keeping work. Key components of the course include: understanding the role of individuals who have not yet entered the workforce, and are developing the necessary skills in preparation for work.

ELECTIVE SUBJECTS (OPTIONS)

PHYSICAL EDUCATION

Physical Recreation

This unit provides students with the opportunity to extend their physical talents. Students will be given the chance to participate in a range of physical activities in and around the community. The aim of the unit is to make students aware of alternative physical education opportunities available to them and to encourage lifelong participation in physical activity.

Possible Senior School Courses: General Physical Education Studies, ATAR Physical Education Studies

Outdoor Education

This course focuses on outdoor activities in a range of environments, including Navigation and Camp Craft. It provides students with an opportunity to learn essential outdoor skills, experience outdoor activities and increase their appreciation of the outdoors.

Possible Senior School Courses: General Outdoor Education

NOTE: If a student undertakes a large project in one of the Elective Learning Areas or is required to attend a number of excursions, they may incur additional costs that parents and carers will be required to pay. These costs will be negotiated with parents and carers at the time.

THE ARTS

Visual Arts Project Art: 2D / 3D

The courses are designed for students interested in developing and extending their skills through Drawing, Painting, Printing (2D Art) and creating 3D Art with a focus on folio use and exhibition preparation. Students will also learn about famous artists around the world and experiment in different mediums. There is a written component to this course and students are expected to maintain an art folio at home and school, complete practical and written tasks, practise tasks at home and assist with the School Art Exhibition.

Possible Senior School Courses: General Visual Arts, ATAR Visual Arts, Media Studies

TECHNOLOGIES

Design and Technology: Woodwork

Students in Woodwork further develop the knowledge and skills they acquired in earlier years and are introduced to more complex processes by using most of the machinery found in the workshop. The initial projects undertaken by students are teacher initiated and as the course continues, students are provided with the opportunity to devise and problem solve by adapting designs to suit individual requirements. Woodwork focuses on multi component pieces and like all Design and Technology electives, the main purpose is to develop workshop skills, collaboration, material knowledge, machine awareness, safe working practices and problem solving abilities. The students would expect to complete a range of projects including: Wood Puzzles, Lolly Machine, Skateboard, Toolbox, Bowl, Spice Rack, Table or a personal project of their own design.

Possible Senior School Courses: ATAR Engineering Studies, General Automotive Engineering, General Materials and Design Woodwork, General Materials and Design Metalwork, General Design Graphics

ELECTIVE SUBJECTS (OPTIONS)

TECHNOLOGIES

Design and Technology: Food Specialisation

Students will improve their food production skills by completing a semester of practical and theoretical work involving a variety of food topics. Emphasis in this course is placed on working as an individual and working within small groups to produce a range of foods. Learning about healthy eating through the skills and knowledge of nutrients and the application of the principles of food safety, preservation, preparation, presentation and sensory perception.

Possible Senior School Courses: General Food Science Technology, General Children, Family and Community

Design and Technology: Textiles

This unit will encourage a students individual creativity, benefiting from developing valuable practical life skills. Introduction to the basics of clothing and fashion, including garment manufacturing and fashion design.

Possible Senior School Courses: General Design Textiles, General Children, Family and Community

Digital Technologies: Media and Digital Literacy

This unit provides students with the opportunity to extend their creative talents into the digital world. Students will be given the chance to create videos and multi-media presentations using a variety of software packages and editing techniques. This unit will also incorporate Digital Photography where emphasis will be placed on developing the creative aspects and composition of photographs. Students in Semester 2 of this unit may also be involved in preparation of the school's 'Gilliana' magazine, which involves digital technology skills and project management. Students who have an interest in pursuing a career in the ICT industry should select this unit.

Possible Senior School Courses: Applied Information Technology (General), Certificate II in Information, Digital Media and Technology

Digital Technologies: Coding – Robotics

In Digital Technology Coding, students learn 21st-century skills which are useful for future employment, it is an effective way to introduce programming to students, students find it engaging and enjoyable. Educational robotics is a broad term that refers to a collection of activities, programs, physical platforms and educational resources. Robotics is suitable for students with a range of abilities, developing students' critical and computational thinking skills.

Possible Senior School Courses: Applied Information Technology (General), Certificate II in Information, Digital Media and Technology

PATHWAY OPTIONS

The school currently delivers pathway courses to Year 9 and 10 students. Those offered in 2022 will involve students gaining an industry recognised Certificate 1 in Workplace Skills. The aim of this Certificate is to allow students to learn basic skills and knowledge in preparation for life beyond school

We are offering three streams for this in:

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| Hospitality | a skills course in kitchen operations; |
| STEM | specialist engineering, including participation in the Electric Vehicle Challenge; |
| YES | Youth Emergency Services-Cadet Program. |

This approach is designed to support Year 9 and 10 students to enter appropriate and meaningful pathways for life beyond Donnybrook DHD. It has the potential to engage students in work that is of interest and relevance to them. Importantly it dovetails with the courses offered by Manea Senior College, Bunbury Senior High School, Bunbury Catholic College and Harvey Agricultural College.

Competencies achieved on completion of the Certificate 1:

- Plan and prepare for work readiness
- Apply communication skills
- Develop and apply thinking and problem solving skills
- Work effectively with others
- Contribute to the health and safety of self and others
- Use routine strategies for work-related learning



TECHNOLOGIES Stream

STEM

In this unit of Engineering studies, students have the opportunity to use design and technologies knowledge and understanding, processes and production skills, and design thinking, to produce solutions to identified needs or opportunities, they work independently and collaboratively.

Using a range of increasingly sophisticated technologies, including a variety of graphical representation techniques, students have opportunities to generate and represent original ideas and production plans in twodimensional and three-dimensional representations. Students identify and establish safety procedures that minimise risk and manage projects. They learn to transfer theoretical knowledge to practical activities.

Skills developed include sheet and plate metal cutting, electric and gas welding, soldering, forging, lathe work project assembly and finishing techniques. Students will also have the opportunity to participate in the schools prestigious Electric Vehicle (EV) challenge.

Possible Senior School Courses: ATAR Engineering Studies,

- General Automotive Engineering,
- General Materials and Design Woodwork,
- General Materials and Design Metalwork, General Design Graphic

PATHWAY OPTIONS

CATERING

Catering is delivered at the Senior Campus utilising the commercial kitchen that is part of our Home Economics facility. Students are required to effectively use food preparation equipment, prepare dishes for various occasions and utilise hygienic practices at all times.

In addition to the Catering course, students will be given experience using a commercial coffee machine and will be eligible to earn a Barista Certificate from The Bunbury Coffee School (The Coffee Room).

Possible Senior School Courses:

- General Design Textiles,
- General Children,
- Family and Community.



YES

A weekly cadet style program involving working with local emergency services, including Police, Fire, SES and Ambulance. Students will work towards achieving Certificates where possible in First Aid, Bronze Medallion, and Duke of Edinburgh. Students will research and have an understanding in risk management, response and preparing ahead. Students will learn skills to manage preparation and response for a variety of emergencies, both in the home and in the community.

Students will commit to an agreed number of volunteer hours in addition to the course, they will have involvement with organising and running Road Trauma Day, mentoring and education for younger students orienteering/outdoor education/map reading and involvement in planning and commemorating the local ANZAC Service.

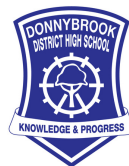
Possible Senior School Courses:

- Applied Information Technology (General),
- Certificate II in Information,
- Digital Media and Technology.



IMPORTANT NOTE: PLEASE READ CAREFULLY

The Year 10 timetable will be constructed to suit as many students as possible, however constraints such as available staff, class numbers and rooming may mean that students need to make adjustments to their choices as the timetable progresses over Terms 3 and 4. These adjustments will be made at individual interviews until all students are fitted into an appropriate class for each timeslot in the week.



Donnybrook District High School

Senior Campus - 10 Bentley Street, Donnybrook, WA 6239 Phone: 9732 4300

Junior Campus - 58 Mead Street, Donnybrook, WA 6239 Phone: 9732 4400

WEB ADDRESS: www.donnybrook.wa.edu.au

