



GERALDTON
SENIOR HIGH SCHOOL

Year 9 & 10 Curriculum Handbook 2024



Geraldton Senior High School

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Introduction

Welcome to Geraldton Senior High School, a school that caters for the needs of all students. For those who are already associated with our school, you will appreciate what a great school Geraldton Senior High School is and the exciting opportunities that are offered to all students. To those connecting with our school for the first time, I am confident you will soon realise what a positive decision you have made in becoming part of the Geraldton Senior High School community.

The information contained in this booklet introduces you to the subjects and courses that are offered to Year 9 and 10 students in 2024. Clear pathways are provided for all students so they can select those subjects/courses which allow them to develop the skills and knowledge to better prepare them for selecting a complete study program for entry into Senior School (Years 11 and 12). Whilst in Senior School, students will continue to develop what they need to know, understand and be able to do in preparation for further study, training or employment when they leave school. It is vitally important that when choices are made on what is studied in Year 9 and 10, this lays the foundation for the Senior School program a student undertakes.

We are committed to developing a strong partnership with parents and carers because we believe that working together in the education of every child, results in positive outcomes being achieved. Please take the time to read all the information in this booklet.

We look forward to working with you in providing an outstanding education for your child.

Karena Shearing

PRINCIPAL

Curriculum Overview and Course Structure

All Year 9 and 10 students at Geraldton Senior High School will study a broad curriculum, with courses being selected from the following learning areas:

- The Arts
- English
- Health and Physical Education
- Humanities and Social Sciences
- Mathematics
- Science
- Technologies

Western Australian Curriculum

The Western Australian Curriculum is implemented across academic learning areas and addresses general capabilities which include:

- Literacy
- Numeracy
- Information and Communication Technology
- Critical and creative thinking
- Personal and social competence
- Ethical behaviour
- Intercultural understanding

The general capabilities describe what students should understand, value and be able to do as a result of their curriculum experiences. Students achieve these outcomes at increasing levels of complexity as they progress through their schooling.

Year 9 and 10 Course Structure

All Year 9 and 10 students will undertake the following compulsory courses:

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

Students will also study three electives which can come from any of the following learning areas:

- Technologies
- The Arts
- Health and Physical Education

Assessment and Reporting

Student achievement will be assessed and reported on in each subject. Assessment will be carried out continuously and will measure your child's progress towards attaining the outcomes of the subjects being studied. Typical assessment methods include written and objective tests, assignments, models and projects, experiments, open-ended tasks and portfolios.

Teacher judgements about your child's performance are based on knowledge of your child's work that is gained over time and in a range of situations. Each assessment contributes to a cumulative evaluation of performance.

The school will provide regular reports on your child's achievement throughout the year. These will comprise of the following:

- an interim report towards the end of Term 1
- mid-year report
- an end of year report

Charges and Contributions

Government funding is provided to schools for the operating costs associated with the education of students. These costs include salaries of teaching and support staff, student support services, school buildings, furniture and equipment, school maintenance, school security and operational costs.


Parents are responsible for the cost of certain materials, services and facilities directly used or consumed by students. This can include textbooks and the provision of text materials, specialist materials used in practical subjects (including Arts, H&PE and Technologies), excursion costs, hire of specialist equipment and venues.

Parents are also responsible for the provision of a student's personal items - for example pens, pencils, paper, files, notebooks, calculators, etc and will receive a contributions and charges sheet outlining costs for your son's/daughter's chosen courses.

VOLUNTARY CONTRIBUTIONS - Each high school in WA can request a contribution of up to \$235 per student per year in Years 7, 8, 9 and 10. At Geraldton Senior High School, we have an extensive and diverse curriculum for Year 9 and 10 students which includes a range of Electives. The Year 9 and 10 course provides the necessary core curriculum subjects as well as the choice for students to participate in elective areas that meet individual career pathways and interests. The total cost of this course is set at \$235.

The following outlines a breakdown of costs incurred for your child:

| | |
|---------------------------------------|-----------------|
| English | \$30.00 |
| Mathematics | \$30.00 |
| Science | \$30.00 |
| Humanities and Social Sciences | \$30.00 |
| Physical Education | \$20.00 |
| Health | \$5.00 |
| 3 Electives @ \$30 each | \$90.00 |
| TOTAL | \$235.00 |



Over many years GSHS has built up an excellent range of resources and students have been able to participate in a wide range of educational experiences. We hope that we will be able to continue to rely on the support of parents through the payment of contributions and charges which will help us ensure the continued provision of excellent facilities and services.

Payment Plans can be arranged through the Finance Officer and the school will accept payment by cash, cheque, card or directly from your bank account. An invoice payment form and a letter detailing forms of financial assistance will be forwarded to you.

Voluntary Approved Requests are also included as part of the contributions parents/caregivers can make towards their child's education at Geraldton Senior High School, this can include contributions towards the chaplaincy program, the library, the school buses and Information Technology.

Pathways

All Students in Year 9 and 10 follow one of 3 pathways in English, Maths, Science and HASS based on their previous grades, NAPLAN data and school based diagnostic testing.

Extension Pathway

This pathway is the most challenging pathway and may include additional curriculum activities to engage and extend students. It is suitable for students who have demonstrated a sound understanding of concepts relevant to the learning area in the WA Curriculum and are aspiring to study an ATAR program or higher-level TAFE course in Year 11 & 12.

General Pathway

This pathway provides a solid foundation based on the WA Curriculum. It is suitable for students aspiring to study a General or Vocational Education and Training Delivered in Secondary Schools (VETDSS) program in Year 11 & 12.

Focus Pathway

This is for students who require additional support. It's based on practical, hands-on and evidence-based intervention programs. Students in this pathway may be studying under an Individualized Education Plan (IEP) or Group Education Plan (GEP). It is to ensure students develop the necessary skills to successfully participate in a Senior Secondary program that may include Foundation, General or a VETDSS course.

Compulsory Courses

English

Year 9 and 10 students will continue to develop their skills and understandings based on The Western Australian Curriculum for English. This content is organised into three broad strands: Language, Literature, and Literacy. Each of these address basic divisions in the content, such as understanding contexts, responding to texts, and creating texts.

The program will provide a balanced curriculum among the curriculum strands (language, literature, and literacy) and among the various language modes (reading, writing, speaking, listening and viewing).

The word text(s) is used in the Western Australian Curriculum to indicate print, visual, digital and multimodal texts. Response to, analysis and evaluation of, and creation of texts includes consideration of language conventions, both verbal and visual. There is a requirement to use Australian texts, (including inscriptional and oral narrative traditions of Aboriginal and Torres Strait islander peoples), as well as contemporary literature of these two cultural groups, and classic and contemporary world literature including texts from and about Asia.

The following table shows the Western Australian Curriculum: English

| Language | Literature | Literacy |
|---------------------------------|--------------------------|-------------------------------------|
| Language variation and change | Literature and context | Text in context |
| Language for interaction | Responding to literature | Interacting with other |
| Text structure and organisation | Examining Literature | Interpreting, analysing, evaluating |
| Expressing and developing ideas | Creating Literature | Creating texts |

Related Year 11/12 Subjects

ATAR ENGLISH

General English

Foundation English



Humanities and Social Science

Year 9

The Year 9 and 10 Humanities & Social Sciences program is aligned with the requirements of the Western Australian curriculum. Our program covers the four disciplines of Geography, History, Economics & Business and Civics & Citizenship. In preparation for senior schooling course selection and future career pathways, a Career Education program is also incorporated throughout the year.

History

- Industrial Revolution (1750-1914)
- World War One (1914-1918)

Geography

- World biomes, ecosystems and food security
- Global interconnections – ICT, trade and what influences people and places

Economics & Business

- Australia and the global economy – trade
- tourism Consumer protection and future work

Civics & Citizenship

- Australian political parties and citizen's role –social media
- Australian justice system



Humanities and Social Science

Year 10

History

- Australian experience in World War Two
- Rights and Freedoms - international and Australian civil rights movement and events

Geography

- Coastal processes and management
- Strategies Global and Australian human wellbeing

Economics & Business

- Economic concepts - markets, scarcity, trade and consumer choice
- Government management of the Australian economy

Civics & Citizenship

- Structure and function of Government and comparison with another country
- Justice at home and overseas

Each year, we endeavour to offer an optional civics camp to either Perth or Canberra for Year 9 and 10 students. Parent/guardians are responsible for all camp expenses. This camp is not compulsory, and students must retain good standing to be able to attend.

Related Year 11 / 12 Subjects

General
Geography

ATAR
Geography

General
Modern
History

ATAR Modern
History

Aboriginal
Intercultural
Studies

Mathematics

Year 9

In Year 9 Mathematics students will develop their understanding of algebraic graphs, equations and expressions; the use of relative frequencies for probability; and the trigonometry of right-angled triangles. They will develop fluency in using index laws; determining probabilities; and calculating both area and surface areas. Students will develop their problem solving by modelling practical situations; applying ratio and scale in practical contexts; and investigating real world issues by collecting and analysing data. Understanding, Fluency and Problem Solving are the Proficiency Strands of Mathematics which will be further developed in the key topics below.

Year 9

| Number & Algebra | Measurement & Geometry | Statistics & Probability |
|--|--|---|
| <p>Key topics:</p> <ul style="list-style-type: none"> • Simple interest • Index laws applied to numbers. • Using scientific notation • Expanding binomial expressions • Cartesian plane <ul style="list-style-type: none"> ○ Distance between 2 points ○ Gradient of a line ○ Midpoint of a line segment • Gradient and midpoint of a line segment • Graphs of linear & non-linear relationships | <p>Key topics:</p> <ul style="list-style-type: none"> • Similar figures <ul style="list-style-type: none"> ○ Ratio and scale factors ○ Similar triangles. • Areas of shapes Prisms (& cylinders) <ul style="list-style-type: none"> ○ Volume ○ Surface area • Pythagoras' theorem Trigonometry <ul style="list-style-type: none"> ○ Similarity & trig ratios ○ Finding unknown lengths in triangles | <p>Key topics:</p> <ul style="list-style-type: none"> • Compare data sets and their displays. • Bivariate data <ul style="list-style-type: none"> ○ Trends over time ○ Correlation between two variables • Evaluate statistical reports. • Multi-step chance <ul style="list-style-type: none"> ○ List outcomes • Assign probabilities Box & whisker plots. <ul style="list-style-type: none"> ○ Calculate quartiles. • Inter-quartile ranges |

Mathematics

Year 10

In Year 10 Mathematics students will develop their understanding of how to determine probabilities; simple interest and compound interest; using the four operations in algebraic contexts, including fractions; how to substitute into formulas to find unknown values; and understanding algebraic relationships numerically, symbolically and graphically. They will develop fluency by drawing on numerous strategies to investigate statistical data and solve equations; and efficiently expand and factorize algebraic expressions. Students will develop their problem solving by interpreting and evaluating media statements regards a variety of data; calculating the volume and surface areas of a range of prisms to solve practical problems; finding unknown lengths and angles and using graphical and algebraic methods to solve practical problems. Understanding, Fluency and Problem Solving are the Proficiency Strands of Mathematics which will be further developed in the key topics below.

| |
|----------------|
| Year 10 |
|----------------|

| Number & Algebra | Measurement & Geometry | Statistics & Probability |
|--|--|--|
| <p>Key topics:</p> <ul style="list-style-type: none"> • Simple and compound interest • Substitute into formulas for unknown values • Linear equations Linear inequalities • Algebraic and graphical representation • Expand binomials Factorize trinomials Algebraic fractions and the four operations. • Solve equations. <ul style="list-style-type: none"> ○ Simple quadratics ○ Simultaneous equations | <p>Key topics:</p> <ul style="list-style-type: none"> • Composite solids <ul style="list-style-type: none"> ○ Surface area ○ Volume • Cartesian plane <ul style="list-style-type: none"> ○ Parallel lines ○ Perpendicular lines • Deductive reasoning • Numerical problems involving plane shapes. • Triangle congruence and similarity • Trigonometry for unknown angles (right triangles) | <p>Key topics:</p> <ul style="list-style-type: none"> • Compare data sets and their displays. • Bivariate data <ul style="list-style-type: none"> ○ Trends over time ○ Correlation between two variables • Evaluate statistical reports. • Multi-step chance <ul style="list-style-type: none"> ○ List outcomes ○ Assign probabilities. • Box & whisker plots <ul style="list-style-type: none"> ○ Calculate quartiles. • Inter-quartile ranges |

Related Year 11/12 Subjects

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|------------------------------------|
| ATAR Mathematics Specialist |
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| ATAR Mathematics Methods |
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|--------------------------------------|
| ATAR Mathematics Applications |
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|---------------------------------------|
| General Mathematics Essentials |
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|-------------------------------|
| Foundation Mathematics |
|-------------------------------|

Science

Year 9

The Year 9 Science course covers all the Western Australian Curriculum requirements. Students cover topics in Science Inquiry Skills, Science as a Human Endeavour, and Science Understanding.

| WA Curriculum Strands | | Content |
|------------------------------|-------------------------|--|
| Science Understanding | Chemical Science | Atomic theory and the periodic table Chemical reactions and conservation of mass |
| | Physical Science | Energy transfers: heat, sound and light Forces and motion |
| | Biological Science | Responding to the environment Ecosystem |
| | Earth and Space Science | Tectonic plates, earthquakes, and volcanoes. |
| Science Inquiry Skills | | Planning investigations and experiments, measuring, and recording data, analysing, concluding, and evaluating. |
| Science as a Human Endeavour | | Application of scientific concepts in the real world. |

Science

Year 10

The Year 10 Science course covers all the Western Australian Curriculum requirements. Students cover topics in Science Inquiry Skills, Science as a Human Endeavour and Science Understanding.

| WA Curriculum Strands | | Content |
|------------------------------|-------------------------|--|
| Science Understanding | Chemical Science | Atomic theory and the periodic table Types of Chemical reactions and factors affecting their rates |
| | Physical Science | Energy transfers and energy conservation Forces and Motions |
| | Biological Science | DNA and Genetics Natural Selection and the theory of evolution |
| | Earth and Space Science | Global systems and cycles and human impact The universe and its origin |
| Science Inquiry Skills | | Planning investigations and experiments, measuring, and recording data, analysing, concluding, and evaluating. |
| Science as a Human Endeavour | | Application of scientific concepts in the real world. |

Related Year 11 / 12 Subjects

ATAR Chemistry

ATAR Human Biology

ATAR Physics

General Human Biology

General Marine Maritime Science

Health and Physical Education

Year 9

Students study both Physical Education and Health Education during their Year 9 program. Below are the key components to the Health and Physical Education curriculum, which provides opportunities for students to develop, enhance and exhibit attitudes and values that promote a healthy lifestyle.

Health Education - personal, social and community health

- Being healthy, safe, and active
- Communicating and interacting for health and well being
- Contributing to healthy and active communities

Physical Education

- Moving our body
- Understanding movement
- Learning through movement

Outdoor Pursuits

This subject introduces students to activities in a variety of outdoor environments and the value of learning through the outdoors. It also enhances an individuals' ability to work independently, cooperatively and confidently. This subject involves practical and theory-based components and any student thinking about this subject should have an interest in learning in the outdoor and be confident in swimming in the ocean (swimming level of at least Stage 7).

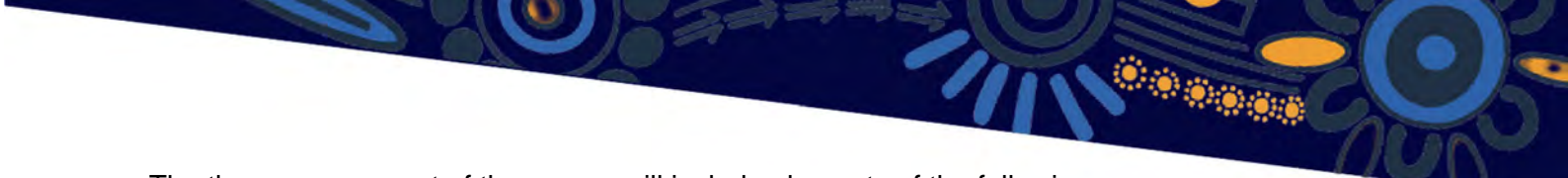
The practical activities in this subject include:

- Survival swimming
- Snorkeling
- Bush walking
- Knots
- Fishing
- Navigation

The skills and practices learnt in each lesson will culminate in a day trip expedition at the end of the term. Students will also be required to plan and reflect on the expedition experience as part of their theoretical assessment.

Sports and Fitness

This course has an emphasis on understanding and improving performance in a practical context through the integration of both practical and theory lessons. Sport and Fitness focuses on practical implementation of new sports along with students gaining an understanding of the strategies, tactics and rules of new sports. Students engage as performers, coaches, analysts and planners through physical activity.



The theory component of the course will include elements of the following:

- Strategies and Tactics
- Energy Systems
- Components of Fitness
- Goal Setting
- Rules for game play
- Nutrition for sport
- Indigenous contributions to sport
- Umpiring and coaching
- Body's response to exercise
- Sport Psychology

This course will include theory and practical elements of a range of sports, which could include:

- Volleyball
- Lawn bowls
- Indigenous games
- Cricket
- Golf
- Badminton
- Fitness sessions
- Gaelic Football
- Lacrosse
- Basketball
- Croquet
- Netball

Health and Physical Education

Year 10

Students study both Physical Education and Health Education for the duration of their Year 10 program. Below are the key components to the Health and Physical Education curriculum, which provides opportunities for students to develop, enhance and exhibit attitudes and values that promote a healthy lifestyle.

Health Education - personal, social and community health

- Being healthy, safe, and active
- Communicating and interacting for health and well being
- Contributing to healthy and active communities

Physical Education

- Moving our body
- Understanding movement
- Learning through movement

Outdoor Pursuits

This subject follows on from the year 9 course and explores outdoor education and recreation through participation in a variety of activities in the outdoors. It is designed to introduce, consolidate and further extend skills and practices learnt in the outdoors and builds on previous experiences. The course has a strong component of swimming and students selecting this course must be prepared to swim in the ocean.

The practical activities in this subject include:

- Survival swimming
- Mountain biking
- A range of camp craft skills
- Bodyboarding
- Roping
- Canoeing
- Mapping

The skills and practices learnt in each lesson will culminate in a day trip expedition at the end of the term. Students will also be required to plan and reflect on the expedition experience as part of their theoretical assessment.

Sports and Fitness

During this course students will be introduced to fitness and exercise in detail. Students will be given the opportunity to improve individual fitness through experiencing a variety of exercise methods, construct healthy training regimes and understand the concepts behind fitness programs, types of training and methods of training. It is made up of both a practical and a theoretical component.

Theory components include:

- Functional Anatomy
- Bodies response to exercise
- Exercise Anatomy
- Energy systems
- Training Methods

Practical components:

- Team Games
- Sports Education Model (team-based approach)
- Indigenous Games
- Local recreation activities
- Team games
- Sport Education Model (team-based approach)
- Indigenous Games
- Local recreation activities

Related Year 11 / 12 Subjects

ATAR Health

General Physical
Education Studies

General Outdoor
Education

Cert II Sport &
Recreation

The Arts

Year 9

Visual Arts

In Visual Art in Year 9, students use a variety of mediums such as drawing, painting, printmaking and clay to produce work that both skilled and creative. A visual portfolio is used to record, keep and maintain their planning pages and to present their visual literacy assignments. Students will complete several projects that require thinking, planning and production and will have their resolved work displayed in exhibitions.

Graphic Design

Graphic Design is an Arts based course with an emphasis on the practical component approach to the graphic design process. Digital software and traditional design skills are developed through tasks such as:

- tee-shirt design
- street teen magazine
- logo design

Photography

An introduction and exploration of photographic materials, techniques and principles. Computer print manipulation and digital camera work will be involved. Students will explore both screen and print media across a variety of contexts, e.g., advertising, News, film, podcasts and social media.

Dance

Students demonstrate skills and techniques in genres such as Hip Hop, Contemporary, Jazz and Cultural Dance. Students are given opportunities to choreograph using the elements of dance (BEST), choreographic devices and structures to develop choreographic intent. Through performance, students continue to work on confidence as they present dances to audiences and participate in live dance performances and workshops by visiting artists.

Drama

This option is chosen by students in Year 9 and will span either as a semester long or full year course. In this course students will experience live and technical theatre with the opportunity to perform to an external audience, other than their classmates. Styles of theatre will be studied through scripted scenes from both World Theatre and iconic plays from Australian history, up to 1960, such as Ray Lawler's, 'The Doll Trilogy'. Extended analysis of dramatic elements and meaning will be explored in contemporary devised scenes which compare, and contrast studied plays and playwright's intentions. Formal and informal reflection and response will be scaffolded using frameworks that focus on direct use of specific terminology.

General Music

General Music is for students who enjoy listening to, and want to learn to play, contemporary music. Students can learn a variety of instruments, including guitar, drums, piano, and voice, and will develop skills to perform music individually and in bands. Students in Year 9 General Music will study Blues and Rock music, learning how to analyse, play and compose music in this style. This course is comprised of performance, composition, and listening tasks.



The Arts

Year 10

Visual Arts

The Year 10 Visual Art course is similar to the year 9 course but is more sophisticated and uses different projects. These projects call for a deeper understanding, skill set and experience in the subject. Drawing, painting, printmaking and clay are the foundation mediums that all students will be working with, but the projects will call for a higher level of experience. A visual portfolio is also used to record, keep and maintain their planning pages and to present their visual literacy assignments. Completed work will display in exhibitions.

Graphic Design

Graphic Design is an Arts based course with an emphasis on the practical component approach to the graphic design process. Practical skills will be developed through completion of the following tasks such as:

- digital portraits
- logo design
- stickers

Photography

Students focus on developing their skills in photography and refining concepts and techniques taught through hands on activities. Students are taught the more difficult concepts within the editing program Adobe Photoshop, to both refine their images and create compositions by experimenting and following tutorials provided. They are given the opportunity to produce these works through a variety of tasks such as: Magazine Covers, Still Life Photography and Studio Portraits.

Dance

Students continue to extend their use of the elements of dance (BEST) and choreographic processes to expand their choreographic intentions in their choreography. They extend their technical dance skills to include style-specific movement skills in genres such as Jazz, Contemporary, Lyrical and Hip Hop. Through performance, students continue to work on confidence, accuracy, clarity of movement and projection. They refine their own dance and the dance of others. They investigate dance and influences of the social, cultural and historical contexts in which it exists. Students present dances to audiences and participate in live dance performances and workshops by visiting artists.

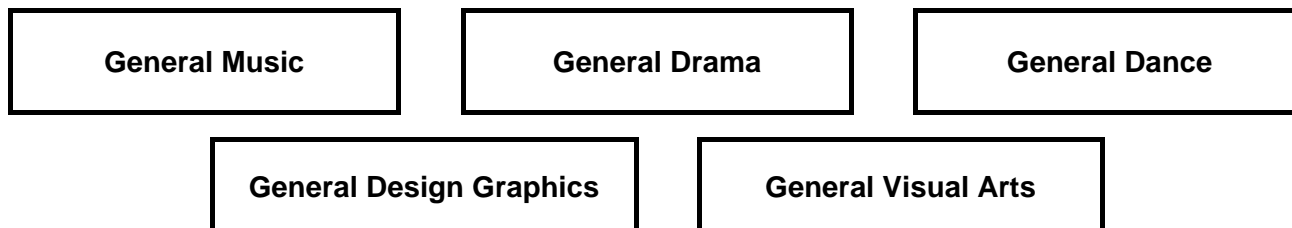
Drama

This elective focuses on the practical development of performance skills and conventions of storytelling. Students look at the development of myths and legends over time and the power of communication. They will devise means other than traditional methods of storytelling and performance to broaden their knowledge and skills in staged drama. The OHS of stage craft is included. Students will be required to perform to an outside audience and keep a portfolio and reflective journal. Time is required for rehearsals.

General Music

General Music is for students who enjoy listening to and playing contemporary music. Students can learn a variety of instruments, including guitar, drums, piano, and voice, and will continue developing skills to perform music individually and in bands. Students in Year 10 General Music will study Folk and Pop music, learning how to analyse, play, and compose music in this style. This course is compromised largely of performance, composition, and listening tasks. It is recommended that students have completed Year 9 General Music before selecting this course.

Related Year 11 / 12 Subjects



Technologies – Design and Technology

Year 9

DESIGN AND TECHNOLOGY

If you enjoyed your Design and Technology classes in Years 7 and 8, then all the courses offered in Year 9 build on the design and making skills that you have already developed.

Jewellery

Would you like to make your own jewellery, learning the basic skills of silver smithing? Selecting rings, chains and bangles of your own design? Then this is the course for you.

- Make your own sterling silver jewellery in a purpose-built workshop with expert teachers.
- This elective introduces a wide range of hand tools and equipment.
- Practical and theoretical skills associated with jewellery design and manufacture is developed.
- Most items are made using sterling silver.

Woodwork

This is one of the most popular of all D&T subjects. Join a woodwork class and see what it is like to be a crafts person.

- Learn to use a variety of woodworking tools and machinery including CAD, to design and make your own projects.
- Design and make projects that you can use at home.

Metalwork

Design and make your own projects, mainly from mild steel using the excellent machines and facilities in Design and Technology.

- Design and make your own projects that will develop new skills in various metalworking areas, including CAD.
- Learn how to use a variety of machines.

HOME ECONOMICS

Build on your food preparation skills by taking the Budding Chefs course. Further develop your sewing ability by making simple articles and items of clothing in Fashion & Technology.

Budding Chefs

Have you considered becoming a chef? Do you have an interest in food preparation and presentation? In this course you will learn the following:

- Food preparation skills with fruit, vegetables, meat, fish and more
- Make food preserves to give as gifts.
- Prepare foods suitable for each course of a formal menu.



Fashion and Textiles

Do you want to create easy fashion clothes and accessories? Then this is the course for you.

- Become a whiz with a sewing machine and an over locker.
- Follow commercial patterns and learn how to produce your own designs.

DIGITAL TECHNOLOGIES

Learn new skills and improve your knowledge of computers, technology and digital devices.

Digital Technology & Multimedia

- Develop your own graphical interfaces (screens) for various devices.
- Design and create graphics, videos and audio to create products such as animations.
- Learn to use various computer software and hardware.
- Explore and problem solve using programming and robotic devices.

Computer Aided Creations

This course focuses on innovative technologies. You will design and create projects using computer aided design and manufacture. This will include 3D printing, laser and plasma cutting technologies.



Technologies – Design and Technology

Year 10

DESIGN AND TECHNOLOGY

Jewellery

Would you like to make your own jewellery, learning the basic skills of silver smithing? Selecting rings, chains and bangles of your own design? Then this is the course for you.

- Make your own sterling silver jewellery in a purpose-built workshop with expert teachers.
- This elective introduces a wide range of hand tools and equipment.
- Practical and theoretical skills associated with jewellery design and manufacture is developed.
- Most items are made using sterling silver.

Mechanical Workshop

Interested in how mechanical things work? Would you like to be able to fix your own bike or car in the future? This is the elective for you.

- Basic hand tool skills
- Welding techniques
- Basic engine systems and servicing.

Metalwork

Design and make your own projects, mainly from mild steel using the excellent machines and facilities in Design and Technology.

- Design and make your own work.
- Develop new skills in various metalworking areas.
- Learn how to weld.
- Learn how to use a variety of machines.

Woodwork

This is one of the most popular of all D&T subjects. Join a woodwork class and see what it is like to be a crafts person.

- Learn to use a variety of woodworking tools and machinery.
- Make projects that you can use at home.
- Design and make your own projects.

HOME ECONOMICS

Childcare

In this elective you will learn about child development (0 – 5 years) and research why children need to play. You will learn about the design process and develop your creative ability by making toys and activities for children using recycled items, paint and other materials. You will also prepare food for toddlers and design a calendar using IT skills with parenting tips.

Fashion & Textiles

Do you want to create easy fashion clothes and accessories, become a whiz with a sewing machine and an overlocker, understand and follow commercial patterns and learn about the design process? Then this is the elective for you.

Food Safari

Western Australia produces some of the best food crops in the world. Explore foods from your own backyard and then go on a food safari where you learn about different European and Asian food cultures, cook some tasty recipes and learn about the design process.

DIGITAL TECHNOLOGIES

Digital Media and Animation

This is an elective for students interested in web development, animation, multimedia and related technology. Students use a variety of software to create digital products covering the following areas:

- Computer Animation
- Desktop Publishing
- Image Manipulation
- Computer hardware and software

Computer Aided Creations

This course focuses on innovative technologies. You will design and create projects using computer aided design and manufacture. This will include 3D printing, laser and plasma cutting technologies.

Related Year 11 / 12 Subjects

**ATAR Applied
Information Technology**

**General Applied
Information Technology**

**General Children, Family
and Community**

**General Food Science
and Technology**

**Cert II Information Digital
Media and Technology**

Cert II Business

**General Material Design &
Technology - Jewellery**

**General Automotive
Engineering &
Technology**

**General Material Design &
Technology - Metals**

**General Material Design &
Technology - Wood**

**General Building &
Construction**

**Cert II Engineering
Pathways**

Vocational Individualised Program – VIP

VIP is a Vocational course for students who are considering entering the workforce by the end of Year 10, or who want to continue into further vocational training.

Most students are either disengaged or have low academic achievement VIP has these main components:

Work Experience

Work Experience is an important part of the program, with the students participating in work experience one day per week throughout the year. Students are expected to complete the Workplace Learning Logbook and Skills Journal as well as the Individual Pathway Planning for Career Education.

Teamwork

Teamwork and Life Skills are built by participating in a variety of activities around the school.

Literacy and Numeracy

Literacy and Numeracy Support are a constant focus. They are both delivered in the context of what is necessary to gain and keep a successful career.

Literacy

- Novels are chosen which are engaging. Students read every day.
- Students memorise a poem every term and give oral presentations to the class.
- Report writing is practiced regularly to improve confidence and literacy skills.

Numeracy

- Students participate in a Foundation Mathematics Program which is designed to help students learn to become more numerate in their daily lives.
- Students also choose One Option i.e., Woodwork, Metalwork etc.
- Students participate in Physical and Health Education

It is through the active and willing participation in the above that students gain meaning and relevance from their time in VIP and see value in continuing their education.

Students interested in the VIP program should register their interest on the Year 10 Elective selection sheet.



Specialised Programs

Instrumental Music

This is an accelerated course where students can continue developing their skills on their principal instrument, but also build their knowledge and understanding of all the instruments in contemporary ensembles. In Year 9, students will study Blues and Indie music, developing their musicianship through individual and group performances, composition, and listening analysis tasks.

Students enrolled in the Year 9 Instrumental Music Services (IMSS) program are automatically enrolled into Class Instrumental Music (IMSS) when entering Year 10. Students will study Dance and Soul music, developing their musicianship through individual and group performances, composition, and listening analysis tasks.

Geraldton Clontarf Academy

The Geraldton Clontarf Academy exists to improve the education, discipline, self-esteem, life skills and employment prospects of young Aboriginal men. This is done by encouraging behavioural change and developing positive attitudes. Fundamental to this is the development of values, skills and abilities that will assist the boys to achieve better life outcomes. Through a range of activities, Clontarf staff mentor and build strong relationships with students while the school caters for their educational needs.

Stars Foundation

The Stars Foundation program works within the school to drive community-led solutions aimed at overcoming the obstacles that prevent Aboriginal and Torres Strait Islander girls from attending and achieving at school. The Girls receive intensive one-on-one mentoring and support from our team of skilled field staff. Our program increases the skills, employability, mental health and well-being of Aboriginal and Torres Strait Islander girls throughout Australia – providing them with better opportunities to contribute to the social and economic outcomes of the wider community.

Compass

Our qualified Teachers and Special Needs Education Assistants are highly skilled in providing Individual Education Programs that make achievement accessible to all students. Each student's program is designed to complement their individual needs and abilities, to maximize student outcomes. These programs take a holistic approach, with mainstream subjects and specialised programs that focus on building academic skills such as literacy and numeracy, while fostering development in areas such as speech, mobility, community access, life skills and social and emotional growth.

Follow the Dream

Follow the Dream partnerships for success is a tailored program which provides targeted support in assisting Aboriginal students to achieve their full education potential and maximise their achievements by delivering a high quality, culturally responsive approach.

It provides holistic support and case management, including after-school tuition and individual mentoring to aspirant Aboriginal Students to assist them to achieve positive academic outcomes and meaningful post-school destinations such as university, further training or employment.

Useful Contact Information

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| Principal | Mrs Karena Shearing | Karena.Shearing@education.wa.edu.au |
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