IDSHS Subject BOOKLET

A guide to the subjects on offer for Year 10 students

Year 10 Subject Descriptions

Year 10 Overview

Year 10 at Isis District SHS is the first year of Senior School and as such, students' choice of electives should be aligned with their future aspirations in order to prepare students for their senior and future pathways.

We are following the Australian Curriculum requirements in terms of the subjects offered and the amount of time students participate in them. As a result, the range of elective subjects on offer to Year 10 students broadens as the number of compulsory subjects reduces from those studied in the junior years.

The subjects on offer to Year 10 students are illustrated in the table below:

Core Subjects:	Electives: - *Three (3) subjects for the year* - *3 lessons per week per subject*
English *(3 lessons per week)* **Mathematics** *(3 lessons per week)* **Science** *(3 lessons per week)* *Or* **Science Towards Senior** *(3 lessons per week)* **Health and Physical Education** *(1 or 2 lessons per week depending on Science selection)*	• Art • Dance • Drama • Media • Economics and Business • Digital Technologies • Civics and Citizenship • Japanese • Food Specialisations (Cooking) • Food and Fibre Production (Ag) • Design and Technology (DAT) • Metal Technology • Wood Technology • History • Exercise Science

In Term 3 of Year 9, students will undertake extensive personal reflection and career development activities in order to begin the journey towards identifying their future pathways including their senior course of study. The activities will include the completion their subject selections for Year 10, that is, nomination of their three (3) electives using One School. As Year 10 is seen as the preparation year for senior, their subject choices should be starting to narrow towards future career options. They should submit these preferences in their preferred order eg first pick is what they really want to do. At this time, they will also be asked to nominate a fourth subject as their next preferred option. Every effort will be made to accommodate students into their first three preferences however, it cannot be guaranteed as usual timetable constraints apply eg class numbers, room allocations, staffing etc.

Students will receive their draft Year 10 timetable in their final report pack for Year 9 indicating their subjects for the following year.

Looking Forward:
In Term 3 of Year 10, students will be asked to select four electives from an even broader range of subjects for their senior course of study. The career education and future pathways focus which commences in Term 3 of Year 9 will continue in Year 10 and beyond. Year 10 students will complete their Senior Education and Training (SET) Plans together with their subject selections using One School. More information regarding this will be given to students in Term 2 & 3 in Year 10.

Year 10 Subject Descriptions

CORE SUBJECTS –

Subject: English

Subject: Mathematics

Subject: Science or Science Towards Senior

Subject: Health and Physical Education

ELECTIVE SUBJECTS –

HEALTH AND PHYSICAL EDUCATION

Subject: Exercise Science

HUMANITIES

Subject: Economics and Business

Subject: History / Geography

Subject: Civics and Citizenship

LANGUAGES

Subject: Japanese

THE ARTS

Subject: Art

Subject: Dance

Subject: Drama

Subject: Media

TECHNOLOGY

Subject: Food and Fibre Production (Ag)

Subject: Digital Technologies

Subject: Food Specialisations (Cooking)

Subject: Design and Technology (DAT)

Subject: Metal Technology

Subject: Wood Technology

English

Course Description:

The study of English is central to the learning and development of all young individuals. It enables students to immerse themselves in units that teach them to analyse, understand, communicate, and be imaginative thinkers and informed citizens of the 21st century.

The Year 10 English Program mirrors the expectations and requirements of the Australian Curriculum, therefore, it aims to ensure students:

- learn to listen to, read, view, speak, write, create and reflect on increasingly complex and sophisticated spoken, written and multimodal texts across a growing range of contexts.
- appreciate, enjoy and use the English languages in all its variations.
- understand how Standard Australian English works in its spoken and written forms.
- develop interest and skills in inquiring into the aesthetic aspects of texts and developed and informed appreciation of literature. *(Adapted from the Australian Curriculum: English)*

The Year 10 program builds on skills acquired by students during their first three years at high school. The work is designed to challenge the students while acting as a transition into the senior phase of learning.

Semester 1 - all students to complete **Semester 2 – all students to complete**

Semester 1	Introduction to General English
Units of Study: • Novel Study • Poetry Study **Possible Assessment:** • oral presentations • creative and academic writing	**Units of Study:** • Exploring Shakespeare – Romeo and Juliet or Warm bodies • Gothic Fiction Study **Possible Assessment:** • exam • creative and academic writing • multimodal

Resources Required:

- 1 x 240 page blue lined exercise book or BYO device
- Novels, plays and films *(supplied through SRS)*
- Oxford Textbook *(supplied through SRS)*

Links to the future:

Year 11 & 12 subjects	Career pathways
Essential English General English	Digital copywriter, Editorial assistant, English as a foreign language teacher, Lexicographer, Magazine journalist, Newspaper journalist, Publishing copy-editor/proofreader, Writer, Academic librarian, Primary school teacher, Advertising account executive, Advertising copywriter, Arts administrator, Information officer, Marketing executive, PPC specialist, Public relations officer, Records manager, Secondary school teacher or Social media manager.

Mathematics

Course Description:

Mathematics covers four content strands across all Year 10 programs where students will be proficient in understanding, fluency, problem-solving and reasoning in these strands. The strands taught to students are number and algebra, measurement and geometry, statistics and probability.

Year 10 subject options:

For Year 10 there is four different levels of mathematics to prepare students for their senior phase of learning. The four different levels of mathematics are Mathematics Extension, Mathematics, Mathematics Foundation and Numeracy Short Course. Students will be allocated a level of mathematics based on their previous results in mathematics for them to best succeed in the subject and for their future schooling.

<table>
<tr><th></th><th colspan="4">Different Levels of Mathematic across Year 10</th></tr>
<tr><th></th><th>Level 1</th><th>Level 2</th><th>Level 3</th><th>Level 4</th></tr>
<tr><td>Semester 1</td><td>Mathematics Foundation</td><td rowspan="2">Mathematics Foundation</td><td rowspan="2">Mathematics</td><td rowspan="2">Mathematics Extension</td></tr>
<tr><td>Semester 2</td><td>Numeracy Short Course</td></tr>
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Possible assessment:

Students will complete 6 assessment tasks across the two semesters. The assessment techniques include exams, assignments and problem-solving reports.

Semester 1	Semester 2
• Surface Area, Volume and Algebra • Pythagoras Theorem and Trigonometry • Linear Equations and Inequalities • Quadratics Equations	• Statistics • Probability • Finance, Linear Functions • Geometry

Resources Required:

- 2 x 240 page A4 Exercise book
- Protractor/Compass Set
- Pencil Sharpener/Eraser
- Pencils (2B) / Pens (blue, black and red)
- 30cm Plastic or wooden ruler (not metal)
- Scientific calculator

Links to the future:

Year 11 & 12 subjects	Career pathways
Mathematics Methods General Mathematics Specialist Mathematics Essential Mathematics	Engineering, Science, Aircraft Pilot, Surveying, Business Management, Architecture, Nursing, Electrician, Building, Business Analysis, Banking, Economics, Accountancy, Work and life application

Short Course in Numeracy

Course Description:

The Short Course in Numeracy develops students' numeracy skills by focusing on real-life contexts where mathematics is used to solve everyday problems. Students learn to identify, interpret, and communicate mathematical information, drawing on their understanding of when and how to apply appropriate strategies. Through engaging, supportive, and cooperative activities, they represent ideas using a variety of methods and build confidence in managing practical tasks. The course places emphasis on making learning relevant and enjoyable, helping students apply numeracy in daily life, the workplace, and further education. It fosters critical thinking and decision-making through mathematics in meaningful, non-competitive environments.

The Short Course in Numeracy is a senior syllabus that includes two QCAA-developed topics from which schools design their course of study. It has a notional teaching and learning time of 55 hours, including assessment. This course will be delivered in Semester 2 of Year 10 for students who find the Year 10 curriculum challenging.

The Short Course in Numeracy will feature a smaller teacher-to-student ratio and is designed to prepare students for senior Mathematics. It also fulfils the compulsory numeracy requirement of the Queensland Certificate of Education (QCE), contributing one QCE point. This course helps students build a stronger foundation for senior Mathematics and gives them a head start toward achieving the 20 points and the numeracy component required for their QCE.

Possible assessment:

Students will complete two assessment tasks across the one semester. The assessment techniques include one exam and one assignment.

Term 3 – Personal Identity and Community	Term 4 – Workplace and Employment
• Recognise and use properties of 2D and 3D shapes • Convert between metric units of length, area and volume. • Estimate and calculate mass, capacity and temperature. • Recognise and use common angles. • Collect, use and organise data in tables and graphs. • Describe the probability of events. • Determine the probability of events. • Express the probability of events in fractions, decimals and percentages.	• Converting between fractions, decimals and percentages. • Estimate and calculate time using dates and 24-hour times. • Converting between metric units of mass and capacity. • Using distance, direction, coordinates, simple scales, labels, symbols and keys in everyday maps and plans. • Apply rates and ratios.

Resources Required:

- 2 x 240 page A4 Exercise book
- Protractor/Compass Set
- Pencil Sharpener/Eraser
- Pencils (2B) / Pens (blue, black and red)
- 30cm Plastic or wooden ruler (not metal)
- Scientific calculator

Links to the future:

Year 11 & 12 subjects	Career pathways
Essential Mathematics	TAFE Certificate I, II, or III qualifications, apprenticeships, or traineeships in fields such as carpentry, engineering, or hospitality.

Science

Course Description:

In Year 10 students consolidate their introduction to the chemical, physical, and biological environments of our world. The Year 10 course aims to provide students with the opportunity to refine their skills in gathering, analysing and evaluating data in tabular and graphical form, while also extending their foundational science knowledge in preparation for entry into senior Science or Agriculture subjects.

Units of Study:

Unit 1: Physics – Newton's laws of motion, energy conservation (8 weeks)

Unit 2: Biology – DNA structure and genetics, evolution and species adaptations (10 weeks)

Unit 3: Chemistry – Types of reactions, reaction rates and periodicity (10 weeks)

Unit 4: Investigation Unit – develop science skills within topic of choice (8weeks)

Please note that this is a 3 lesson per week subject.

Possible Assessment:

Students will have 4 assessment tasks across the two semesters. Assessments use a range of techniques including assignments, research tasks, projects and laboratory reports.

Resources Required:

- A4 notebook -240 page or 2 x 120 page
- 2B pencil
- Ruler
- Calculator

Links to the future:

This subject will provide a background for students selecting senior Science or Agriculture subjects, or those entering construction, manufacturing or farming industries.

Many careers require a sound level of achievement in Junior Science including Trades and the Military.

Year 11 & 12 subjects	Career pathways
Agricultural Practices	Veterinary Science assistant, Research, Mining, Engineering, Ecology, Metallurgy, Agriculture, Horticulture, Lab Assistant, Beauty Care, Military, Trades, Farming, Construction and many more.

Science towards Senior

Course Description:

This subject is designed to provide students with specific skills related to content and the types of assessment they will encounter in Year 11 & 12 Biology, Chemistry and Physics.

Possible Topics of Study:

- **Unit 1:** Physics – Newton's laws of motion, energy conservation (6 weeks)
- **Unit 2:** Biology – DNA structure, mitosis & meiosis, genetics, evolution & species adaption (12 weeks)
- **Unit 3:** Chemistry – atomic structure, element properties, periodicity, rates & types of reactions (10 weeks)
- **Unit 4:** Investigation Unit – develop science inquiry skills within topic of choice (8 weeks)

Please note that this is a 3 lesson per week subject.

Resources Required:

- A4 notebook -240 page or 2 x 120 page
- 2B pencil
- Calculator
- Ruler

Assessment:

Students will have 6 assessment tasks across 2 semesters. Assessments use a range of techniques including exams, lab reports, investigations and research.

Links to the future:

This subject provides a sound background for students selecting science subjects at Year 11/12 level. It is a pre-requisite subject for Y11 Biology, Chemistry and Physics.

Year 11 & 12 subjects	Career pathways
Biology Chemistry Physics	Veterinary Science, Research, Teaching, Medical, Health, Mining, Engineering, Pharmacy, Biology, Ecology, Marine Biology, National Park Management, Metallurgy, Health Care, Lab Assistant, Beauty Care, Astronomy, Military and many more.

Health & Physical Education

Course Description:

Health & Physical Education builds on the evident links between physical activity and health and well-being. Coursework supports students to maintain a positive relationship with physical activity whilst developing key leadership, teamwork and communication skills. This subject does not prepare students for Physical Education.

**Students selecting one lesson of Health & Physical Education per week will only be offered the 'Sport' element of the subject. Students wishing to select the 'Health' element of the subject will complete one lesson each of 'Health' and 'Physical Education' per week. Potentially student could have between 1 – 5 lessons of Health, Physical Education and Exercise Science per week.*

Physical Education *(1 lesson – compulsory)*: Delivered solely through a practical context, students will continue to learn to apply more specialised movement sequences that aim to enhance participation and improve performance. Through successful participation in physical activity and sport students will be instilled with the health and social benefits of sport and recreational activities. For students looking to move into Recreation as part of their senior years, Sport provides a strong grounding into this subject area.

Health* *(1 lesson - elective):* This subject prepares student for Health. Students will build off already established knowledge, understanding and skills taught in Health and Physical Education to make informed decisions that build and optimise personal and community health. Aligned with the Senior Health, the coursework provides an insight to students who are interested in becoming an advocate for health and wellbeing in the community. Key community health issues such as mental health and obesity will be addressed as students plan, implement, evaluate and reflect on delivered action strategies. As part of coursework, students will collect, collate and analyse primary and secondary data to determine the effectiveness of their health promotion strategy through an ongoing project.

Units of Study:

Theory

- Road Safety
- Sport – A cultural past time
- First Aid / CPR
- Mental Health

Practical *(A variety, but not limited to):*

- Skill Development & Modified Games
- Life Saving, Cricket, Lawn Bowls, AFL/Oz Tag, Rhythmic Gym, Boxing, Yoga, Outdoor Pursuits

Possible Assessment:

- Exam
- Investigation Report
- Performance – Practical

Resources Required:

- A4 lined notebook
- Hat
- Appropriate Footwear

Links to the future:

Year 11 & 12 subjects	Career pathways
Health Physical Education Certificate III in Fitness and Sport	Exercise Physiologist, Sports Trainer, Armed Forces, Nutritionist, Allied Health, Physiotherapist, HPE teacher, Emergency Services, Nursing

Exercise Science

Course Description:

This is the introductory subject leading to Senior Physical Education. Exercise Science sees students explore the biophysical, psychological and sociocultural elements of human performance. This course has been developed to reflect the new Senior Physical Education program to be undertaken in 2019 and provides the student with an insight and preparation into the future direction of the subject area.

Learning takes place through an integrated and personalised approach that provides a balance of both theory and practical coursework. This addresses subject matter such as exercise physiology, training programs, motor learning, sports psychology, biomechanics and fair and ethical access to sport.

Exercise Science students will learn through a process of inquiry that enables them to make connections between the subject matter and physical activity leading to opportunities to provide evidence and justify strategies to enhance their own performance. Students undertaking Exercise Science will build capacity to be self-directed learners that are able to work towards specific goals with intentions to develop a lifelong relationship with physical activity.

Units of Study:

Theory

- Foundations of Human Movement – Functional anatomy and Physiology
- Skill Acquisition – Motor Learning
- Human Performance – Biomechanics
- Sociology – Equity and Access in Sport

Practical *(A variety, but not limited to)*

- Touch, Basketball, Netball, Volleyball, Futsal, Fitness, Badminton, Tennis

Possible Assessment:

- Supervised unseen essay/exam – Response to stimulus
- Research Report
- Performance – Practical
- Portfolio - Multimodal

Resources Required:

- A4 lined notebook
- Hat
- Appropriate Footwear

Links to the future:

Year 11 & 12 subjects	Career pathways
Physical Education Health Certificate III in Fitness and Sport	Exercise Physiologist, Sports Trainer, Armed Forces, Nutritionist, Allied Health, Physiotherapist, HPE teacher, Emergency Services, Nursing, Coaching, Sports Journalism, Sports Management & Marketing

History

Course Description:

The study of History gives students the skills and knowledge to interpret the problems of contemporary society. Seeing the triumphs and mistakes of the past is essential in order to solve the problems of the present and perhaps change the future.

Students who experience success in History cite their improved understanding of human beings and human nature, through time, as the greatest single thing they learnt during this subject. Modern History is focused on the twentieth century and the beginnings of the twenty-first century, although background studies reaching back as far as the European Enlightenment are included.

The students will develop skills in forming historical knowledge through critical inquiry and the communication of their findings. At a personal level, the study of History helps students to identify their social location, their place in time and their heritage within a distinctive culture. Students develop these understandings through processes of critical inquiry, debate and reflection, and by empathising with the views of others.
The Year 10 History course offers students a solid grounding and beginning to their senior phase of learning in Humanities.

Units of Study:

Studies of Power

- Powerful Leaders
- Terrorism
- Women's Rights Movement

Possible Assessment:

Research Assignment

- extended and short written response to a historical question – exam and assignment
- investigation task

Resources Required:

- 1 x 120 page blue lined exercise book or BYO device
- Oxford Textbook *(supplied through SRS)*
- DVD's – Documentaries *(supplied through SRS)*

Links to the future:

Year 11 & 12 subjects	Career pathways
English Essential English Legal Studies Modern History Geography	Historian, Teacher, Medicine, Law, Psychology, Journalism, Political and Science

Geography

Course Description:

When studying Geography, students will explore how the interactions of people and environmental processes at different scales change the characteristics of places. They will explore the effects of human activity on environments, and the effect of environments on human activity, over time and will evaluate the implications of distribution and the extent of interconnections occurring between people and places and environments. They will analyse changes that result from these interconnections and their consequences. Students will evaluate strategies to address a geographical phenomenon or challenge, using environmental, social and economic criteria. They will collect, represent, and compare relevant and reliable geographical data and information by using a range of primary research methods and secondary research materials, using appropriate formats. They interpret and analyse data and information to make generalisations and predictions, explain significant patterns and trends, and infer relationships. They draw evidence-based conclusions, based on relevant data and information, about the impact of the geographical phenomenon or challenge. They develop and evaluate strategies using criteria, recommend a strategy and explain the predicted impacts. Students use geographical knowledge, concepts, terms and digital tools as appropriate to develop descriptions, explanations and responses that synthesise research findings.

Possible Assessment:

- Field trips
- Reports
- Research assessments

Resources Required:

- 1 x 120 page blue lined exercise book
- Oxford Textbook (supplied through SRS)
- DVD's – Documentaries *(supplied through SRS)*

Links to the future:

Year 11 & 12 subjects	Career pathways
Geography Modern History	Urban and Regional Planner, Geographic Information Systems (GIS) Specialist, Cartographer, Conservation Officer, Climate Change Analyst, Sustainability Manager, Hydrologist, Environmental Scientist, Travel and Tourism Manager, Geopolitical Analyst, Real Estate Analyst, Transportation Planner, Academia and Research, Disaster and Emergency Management Specialist, Forestry Manager, Market Research Analyst, Public Health Officer, International Development Worker, Agricultural Consultant

LOTE: Japanese

Course Description:

Real-life conversations, meaningful topics, and a future focus!
In Year 10, students at Isis District State High School refine their Japanese skills through topics that reflect their own lives, interests, and future goals. This course helps students communicate with greater depth while building cultural understanding and confidence across all language modes—listening, speaking, reading, and writing.

Students explore the importance of friendship, talk about entertainment and leisure, reflect on graduation and school memories, and express their hopes for the future. These themes help students use Japanese in practical, personal, and purposeful ways.

Units of Work:

- Friends & Relationships
- Entertainment & Leisure
- Graduation & Reflection
- Hopes for the Future

Possible Assessment:

- Listening
- Speaking
- Writing
- Reading

Resources Required:

- 1 x 48-page blue lined A4 exercise book
- 1 x A4 Display folder (to keep handouts and charts etc)
- Japanese Dictionaries, Work booklets and relevant Japanese Texts *(supplied through SRS)*

Links to the Future:

Career pathways
By Year 10, students have built strong Japanese language skills that can support senior studies and future careers in areas like media, tourism, education, international business, and more. Their ability to connect across cultures and express complex ideas in another language sets them apart in our global world.

Art

Course Description:

Visual Art is a global means of communication, having the ability to transcend cultural and language barriers and evoke emotional responses in viewers. Visual artists explore personal expression by developing visual ideas, observations and responses of their world through making and appraising 2D, 3D, and time-based artworks. Students' work reflect an understanding of the functions and conventions of art in a variety of contexts, and is encouraged to create and communicate a personal aesthetic in visual design.

The visual art journal is an essential tool that documents the individual's art process, from ideas and planning to creating considered artworks that respond to stimulus. Students will be provided with opportunities to make and view art, exploring the elements of design and interpreting artistic intentions of artists both contemporary and historical.

The teaching and assessment for this unit are aligned with the Australian Curriculum achievement standards and content descriptions for Year 10.

Units of Study:

- Drawing
- Painting
- Skateboard Design
- Sculpture
- Art Theory – techniques, processes and artists' work that is relevant to unit content

Assessment:

- Practical Work
- Journal
- Analysis Essay

Resources Required:

- A4 Visual Art Journal
- 2B, 4B & 6B pencils, eraser and sharpener
- Black fine-line pen
- Ruler, scissors and glue stick

All other art materials are available in the classroom. Specific materials for student-devised artworks that are not already available in the classroom will be supplied by the student at their own expense.

Links to the future:

Year 11 & 12 subjects	Career pathways
Visual Art (General) Visual Arts in Practice (Applied) Arts in Practice (Applied)	Visual artist, graphic designer, illustrator, gallery curator, photographer, careers in film and TV, product designer, costume designer, art teacher, art workshop instructor, etc.

Media

Course Description:

Media Arts enables students to create and communicate representations of diverse worlds and investigate the impact and influence of media artworks on those worlds, individually and collaboratively. As an art form evolving in the twenty-first century, media arts enables students to use existing and emerging technologies as they explore imagery, text and sound and create meaning as they participate in, experiment with and interpret diverse cultures and communications practices.

Units of Study:

- Aussie Film
- Advertisements / News spot
- Short narrative film
- Film review

Possible Assessment:

- Analytical essays and evaluative texts
- Film Review Video
- 2 – 5 minute short film

Resources Required:

- 1 x 96 page exercise book
- 1 x A4 Display Folder
- USB (1GB minimum)
- Access to a digital camera

Links to the future:

Year 11 & 12 subjects	Career pathways
Visual Art (General) Arts in Practice (Applied) Digital Solutions Drama English	Graphic Design, Camera Person, Stage Production, Movie making, Computer editing or Radio

Drama

Course Description:

In Year 10 Drama, students explore drama as a unique and creative art form that builds essential skills such as communication, collaboration, empathy, imagination, and critical thinking. Through processes like devising, writing, rehearsing, performing, analysing and evaluating, students learn to express themselves and understand the world around them. Drama provides inclusive opportunities for students to engage with diverse perspectives, helping them build confidence and develop a deeper understanding of themselves and others.

Drama encourages students to take on roles and imagine different contexts, times and cultures, fostering empathy and cultural awareness through experiential learning. Rooted in play and creativity, drama invites students to connect emotionally, physically and intellectually. As both artists and audience members, they create, perform and respond to dramatic works, making Drama a rich and meaningful learning experience that is both personal and collaborative.

By the end of Year 10, students critically analyse how and why drama elements, conventions, and performance skills are used and manipulated in their own work and the work of others. They evaluate how drama communicates ideas, perspectives, and meanings across various styles and contexts, including how it can celebrate or challenge Australian identity. Students create drama individually and collaboratively, shaping and refining elements, conventions, and dramatic structures to express meaning. They apply performance skills suited to specific styles and forms, sustaining roles and characters in improvised, devised, or scripted performances for an audience.

Units of Study:

- Realism
- Musical Theatre
- Physical Theatre
- Australian Gothic Theatre

Possible Assessment:

- Scriptwriting, responding to live professional performances, presenting scripted texts, Improvisation, devised directorial concepts.
- Students will participate in The Scene Project, run by Queensland Theatre Company for assessment. This task involves a workshop and a performance day excursion to a local theatre with other schools from the region.

Resources Required:

- 1 x 96 page exercise book
- ‘Drama blacks’ (plain black clothing)
- Live theatre experiences will be offered when available and relevant. This will incur a small cost.

Links to the future:

Year 11 & 12 subjects	Career pathways
Drama Art English Arts in Practice	Performer, Stage Manager, Public speaker, Teacher or Art Critic, Costume design, Make up/Special effects design Drama allows students to build confidence and self-esteem to explore, depict and celebrate human experience, take risks and challenge their own creativity.

Food and Fibre Production

Course Description:

Year 10 students will develop knowledge, skills and confidence to pursue further studies in this field and/or broaden employment opportunities. Students will look at sustainable farming as a system, including plant and animal production as well as management in agribusiness.

Units of Study:

- Ag Technology (Hydroponics)
- Biosecurity
- Plant structure and function
- Agribusiness

Possible Assessment:

- Practical tasks
- Research tasks
- Experimental Investigation

Resources Required:

- Hat
- 1 x Exercise book per term
- Water bottle

Links to the future:

Year 11 & 12 subjects	Career pathways
Agricultural Practices	Agricultural engineer, Agricultural technical officer, Animal attendant, Botanist, Cane tester, Economist – agricultural, Farmhand, Fisher, Food technologist, Forest technical officer, Forester, Gardener, Horticulturist technical officer, Jackeroo /Jillaroo, Landscape gardener, Pest and weed controller, Stable hand, Stock and station agent, Veterinary nurse, Wool classer.

Economics and Business

Course Description:

Business activity affects the daily lives of all Australians as they work, spend, save, invest, travel and play. It influences jobs, incomes and opportunities for personal enterprise. By developing Business knowledge, understanding and skills, young people will be better placed now and in their adult lives to actively participate in business activities, contribute to the development of a prosperous, sustainable and equitable Australian and global economy, and secure their own financial wellbeing.

Units of Study:

Major consumer and financial decisions

- factors that may influence consumer decisions
- consequences of financial decisions

Managing economic performance and standard of living

- explain economic performance indicators
- explain the ways that governments manage the economy to improve economic performance and living standards

Accounting fundamentals

Students will develop a sound understanding of the fundamental accounting principles for sole traders:

- nature of accounts and double-entry
- general journal to ledger and trial balance
- financial statements

Improving business productivity

- technology
- business structure
- business ethics

Possible Assessment:

- practical exam
- project/research assignment
- case study

Resources Required:

- display folder
- 1 x 96 page book or access to BYOD

Links to the future:

Year 11 & 12 subjects	Career pathways
Accounting (General) Tourism (Applied) Certificate II in Retail Services	Further education and employment in small-to-medium enterprise, accounting, business management, human resource management, financial management, commerce, marketing and operations management.

Digital Technologies

Course Description:

This dynamic course introduces students to a range of digital and design technologies, building skills for future innovation. Students explore Excel for data analysis, create and manage databases, and design and code robotics using Micromelons and Raspberry Pi hardware. They develop 3D models in AutoCAD, create prototypes using 3D printers and laser cutters, and build interactive experiences through Unity 3D, arcade game design, and retro gaming projects. Students also learn game coding, web development, and interface design. This hands-on course promotes creativity, problem-solving, and technical proficiency across key platforms shaping today's digital and technology-driven industries.

Pre-requisite

Digital Technology – Year 7 to Year 9

Assessment

Students will be assessed through a selection of instruments, including:

- Excel and Database Projects
- Robotics Design and Coding Written Reports
- Arcade Game Building and Design Written Reports
- Game Coding or Web Development Written Reports

Resources Required

- USB to copy student work at year end – if desired

Employability Skills

- Problem Solving
- Critical and Analytical Thinking
- Communication Skills
- Collaboration and Teamwork
- Digital and ICT Literacy
- Creativity and Innovation
- Time Management and Organisation
- Adaptability and Resilience

Links to the future:

Year 11 and Year 12 Subjects	Career Pathways
Digital Solutions	IT Support Technician, Web Developer, Software Developer, Game Developer, App Developer, Cybersecurity Analyst, Data Analyst, Network Administrator, Robotics Technician, Mechatronics Engineer, Automation Specialist, CAD Technician, Hardware Technician, Graphic Designer, Emerging and Hybrid Careers.

Civics and Citizenship

Course Description:

Civics and Citizenship focuses on the interaction between society and the discipline of law. Students will study the legal system and how it regulates activities and aims to protect the rights of individuals, while balancing these with obligations and responsibilities. An understanding of legal processes and concepts enables citizens to be better informed and able to constructively question and contribute to the improvement of laws and legal processes. This is important as the law is dynamic and evolving, based on values, customs and norms that are challenged by technology, society and global influences.

It is recommended that students considering to undertake this subject be currently achieving a passing grade for English.

Units of Study:

The Legal System

- describe the sources of law in the Australian legal system (including separation of powers)
- describe the court hierarchy and court personnel
- explain the purpose of laws within society and the process of law-making

Family and Human Rights

- examine contentious issues eg.(marriage, gender identity, immigration) in Australian and international contexts

Criminal Law vs Civil Law

- importance of civil law in everyday life
- distinguish between civil and criminal law matters

Sport and the Law

- Sport and the Law – both civil and criminal law can impact on sport and the rights and obligations of stakeholders

Possible Assessment:

- exams
- case study
- argumentative essay
- feature article

Resources Required:

- 1 x 96 page exercise book or access to BYOD

Links to the future:

Year 11 & 12 subjects	Career pathways
Legal Studies	Further education and employment in the fields of law, law enforcement, criminology, justice studies, social work, government, corrective services, business, education, economics and politics.

Food Specialisations

Course Description:

Food Specialisations focuses on all aspects of the commercial and nutritional food industry. Knowledge is developed regarding future wellbeing and applications within health and hospitality industry sectors. This is achieved through research, experience, analysis and applications of the food industry, as well as providing students with skills, inspiration and the ability to become independent learners in defining dietary requirements and applications in commercial cookery.

Students will use evaluative and contemporary processes for dietary analysis to produce quality food products for health promotion, celebration and enjoyment. Students gain the theoretical understanding of the functional and chemical properties of food through experimentation and product development. They engage in the multicultural and social aspects of culinary cuisines. Catering concepts and management skills are applied, as well as engagement in the demonstration of practical tasks.

Students will employ technologies, particularly those relating to the use of information technology to plan, analyse and evaluate diet choices and their impact on future health of the individual.

Units of Study:

- Diet Related Disorders
- Healthy Eating on a budget
- Celebration and Cultural Foods
- Gastronomy

Possible Assessment:

- Weekly practical cookery tasks
- Practical and sensory evaluations
- Research, practical and written assessment

Resources Required:

- 1 x 228 page exercise book or A4 book
- Practical foods items *(weekly outline of requirements will be provided)*
- Fully labelled container to take food home

Links to the future:

Year 11 & 12 subjects	Career pathways
Links to Certificate II in Hospitality	Dietician, Nutritionists, Food Technologist, Nursing, Hospitality – Chef / Cook, Front of House, Tourism, or Teaching

Design and Technologies

Course Description:

A designer's role is to develop solutions that improve people lives. The design thinking skills and strategies that students engage with are designed to prepare students for current and future 21st Century challenges. Students will engage with advanced technologies such as 3D modelling software, computer numerically controlled (CNC) machinery, 3D printing as well as traditional workshop tools and machines to create their designed solutions.

Units of Study:

- Electronics and electrical systems
- Sustainability
- Built environment – Landscape and architectural design
- Forces and Motion
- Product design

Assessment:

Students are assessed based on a folio of work submitted for each unit that demonstrates

- Knowledge and understanding of the technology in context and relating to society.
- Investigation and generation of ideas.
- Producing then evaluating a solution.
- Planning production processes.

Resources Required:

- Display Folio
- 64 Page exercise book

Links to the future:

Year 11/12 subjects	Career pathways
Industrial graphics Skills Engineering Skills Furnishing Skills	Engineer: - Civil - Mechanical - Electrical Industrial Designer Architect Landscape designer Graphic design Web design

Metal Technology

Course Description:

Metal Technology is a course designed to prepare students for success in the senior subjects that lead to further training or employment in manufacturing and engineering industries. The Manufacturing industry is a major contributor to Queensland's economy with many varied employment opportunities in this sector. Students undertaking this course will learn to safely and correctly use measuring and marking out equipment, hand tools and engineering machinery. Students with a higher level of knowledge and practical skills may have improved prospects of securing a job or trade in the manufacturing sector. Students will work on projects individually with a focus on production to industry standards.

Units of Study:

- Workshop safety
- Fitting and machining
- Electronics and circuitry
- Introduction to welding operations

Examples of the type of practical demonstrations students may produce during these units:

- Engineers bevel
- Drilling Clamp
- Electronics kit
- Plumb bob
- Nut cracker
- Steam engine
- Wind vane
- Pad, butt and fillet welds
- Engineer's vice

Assessment:

Assessment will be based on students' knowledge of content, application of work processes and procedures and the quality of production based on the provided plans and specifications. These areas will be tested through theory and practical examinations, teacher observations and evaluation of practical demonstrations and projects.

Resources Required:

- Display Folio
- 64 Page exercise book

Links to the future:

Year 11/12 subjects	Career pathways
Industrial Graphics Skills Engineering Skills Furnishing Skills	Engineer Industrial Designer Architect Draftsperson Building and Construction trades Metal and Engineering trades

Wood Technology

Course Description:

Wood technology is a course designed to prepare students for success in the senior subjects that lead to further training or employment in the building and construction industry. Queensland's population continues to experience rapid growth, resulting in many varied employment opportunities in the building and construction industries. Students undertaking this course will learn to safely use hand tools, portable power tools and some machinery to improve their practical skills. Students will work on projects both individually and collaboratively, with a focus on production to industry standards.

Units of Study:

- Safety in the workshop
- Building and construction techniques
- Industrial plastics
- Furnishing skills and techniques

Examples of the type of practical demonstrations students may produce during these units:

- Camp stool /outdoor chair
- Saw horse
- Games table
- Plywood tool box with draws
- PVC Welding
- Acrylic shaping and moulding

Assessment:

Assessment will be based on students' knowledge of content, application of work processes and procedures and the quality of production based on the provided plans and specifications. These areas will be tested through theory and practical examinations, teacher observations and evaluation of practical demonstrations and projects.

Resources Required:

- Display Folio
- 64 Page exercise book

Links to the future:

Year 11/12 subjects	Career pathways
Industrial Graphics Skills Engineering Skills Furnishing Skills	Engineer Industrial Designer Architect Draftsperson Building and Construction trades Metal and Engineering trades

2026 Whole School Subject Matrix

KLAs	Year 11 / 12	Year 10	Year 9	Year 8	Year 7
English	English (general) *Essential English (applied*)*	English *(block)*	English *(block)*	English *(block)*	English *(block)*
Mathematics	General Maths (general) Mathematical Methods (general) *Essential Maths (applied*)*	Maths *(block)*	Maths *(block)*	Maths *(block)*	Maths *(block)*
Science	• Biology (general) • Chemistry (general) • Physics (general) • *Agricultural Practices (applied)* • *Aquatic Practices (applied)*	Science *(2 lessons) OR* Science Towards Senior (1 lesson not assessed)	Science *(block)*	Science *(block – including CASE)*	Science (*block – including CASE)*
Humanities *Strands include:* *1. History* *2. Geography* *3. Economics and Business* *4. Civics and Citizenship*	• Modern History (general)	• Introduction to Modern History • Economics and Business • Civics and Citizenship	History *– 2 lessons* • Economics and Business • Civics and Citizenship • Geography	Students rotate through 1 per term: *(block)* History Geography Economics and Business Civics and Citizenship	Humanities includes: *(block)* History Geography
Health & Physical Education	• Physical Education (general) • Health Education (general) • *Sport and Recreation (applied)*	HPE *– 1 or 2 Lessons* • Exercise Science (Elective)	HPE *– 2 lessons*	HPE *– 2 lessons*	HPE *– 2 lessons*
The Arts *Strands include:* *1. Art* *2. Dance* *3. Drama* *4. Media*	• Visual Art (general) • Drama (general) • *Visual Arts in Practice (applied)* • *Media (Applied)*	• Art • Drama • Media	• Art • Dance • Drama • Media	**Students rotate through 1 per term:** Art Dance Drama Media	**Students rotate through 1 per term:** Art Dance Drama Media
Technology	• Legal Studies (general) • *Certificate II Retail Services* • *Tourism (applied)* • *Certificate II Hospitality* • *Early Childhood Studies (applied)* • *Industrial Graphics Skills (applied)* • *Furnishing Skills (applied)* • *Engineering (applied)*	*Design and Technologies subjects:* • Food and Fibre Production • Food Specialisation • Design and Technology • Metal Technologies • Wood Technologies	*Digital Technologies subjects:* • Digital Technologies *Design and Technologies subjects:* • Food and Fibre Production • Food Specialisation • Design and Technology • Metal Technologies • Wood Technologies **Students study 4 electives in total, 2 per semester.**	**Students rotate through 1 per term:** Food and Fibre Production Design and Technology Food Specialisation Digital Technologies	**Students rotate through 1 per term:** Food and Fibre Production Design and Technology Food Specialisation Digital Technologies
LOTE:	By Distance Education	Japanese	Japanese	Japanese	Japanese
Pastoral Care	KTS / Wellbeing Senior Preparation Program	KTS / Wellbeing Work Studies Program	KTS / Wellbeing	KTS / Wellbeing	KTS / Wellbeing
SEP	• *Cert II in Work Skills and Vocational Pathways* • Aquatic Foundations (QCIA) • Other electives (Cert or QCIA – foundation classes) • Literacy Communication (QCIA) • Numeracy Communication (QCIA)				

NOTE:

Subjects with Bullet points are electives (●) will only run provided there are enough student interest to form a class.

Subjects with a school crest as bullet are on a rotation per term with no student choice in them.