

BEAUDESERT STATE HIGH SCHOOL



2024 Year 9 Curriculum Handbook

Helping students achieve their Personal Best.

CONTENTS

| MESSAGE FROM THE PRINCIPAL | 1 |
|---|----|
| YEAR 9 CURRICULUM OVERVIEW | 2 |
| SOME HELPFUL HINTS WHEN CHOOSING AREAS OF STUDY | 3 |
| SUBJECTS AND CAREER PATHWAYS | 4 |
| CORE SUBJECTS | 6 |
| ENGLISH | 6 |
| MATHEMATICS | 7 |
| HISTORY | 8 |
| SCIENCE | 9 |
| HEALTH AND PHYSICAL EDUCATION | 10 |
| ELECTIVE SUBJECTS | 11 |
| DANCE | 11 |
| DESIGN AND TECHNOLOGIES | 12 |
| DIGITAL TECHNOLOGIES | 13 |
| DRAMA | 14 |
| ECONOMICS AND BUSINESS | 15 |
| FOOD AND FIBRE PRODUCTION | 16 |
| FOOD SPECIALISATION | 17 |
| GEOGRAPHY | 18 |
| MATERIALS AND TECHNOLOGIES SPECIALISATIONS | - |
| MEDIA ARTS | 20 |
| VISUAL ARTS | 21 |
| ACADEMY SPORT | 22 |
| CO-CURRICULAR SUBJECTS | 23 |
| SPORT YEAR 9 | 23 |
| INSTRUMENTAL MUSIC PROGRAM | 24 |
| | |

Published 22/06/2023

MESSAGE FROM THE PRINCIPAL

Students at Beaudesert State High School have access to a comprehensive and quality curriculum that continues to develop foundation skills in the traditional areas of English, Mathematics, Science and Humanities, while at the same time provides variety and flexibility through a significant range of elective subjects.

Students are afforded every opportunity to acquire the essential knowledge, skills and understanding for future success. In the end, though, success at study involves hard work and commitment. Students at Beaudesert State High School need to, and indeed are expected to, give their *personal best* at all times. This means:

| Daily commitment to: | Ongoing focus on: |
|----------------------|---------------------------------|
| Attendance | Respect for all |
| Attitude | Responsibility for your actions |
| Achievement | Readiness to work and learn |

Now is the time for a careful selection of subjects based on students' needs and ambitions, their past achievements and their general interests.

We have fully implemented the Australian Curriculum. The Australian Curriculum sets the expectations for what all young Australians should be taught, regardless of where they live in Australia or their background. ACARA draws on the best national talent and expertise, and consults widely to develop the Australian Curriculum and resources.

Education plays a critical role in shaping the lives of young Australians and contributing to a democratic, equitable and just society that is prosperous, cohesive and culturally diverse.

The rationale for the introduction of the Australian Curriculum centres on improving the quality, equity and transparency of Australia's education system:

- Quality an Australian Curriculum will contribute to the provision of a world-class education in Australia by setting out the knowledge, understanding and skills needed for life and work in the 21st century and by setting high standards of achievement across the country.
- Equity an Australian Curriculum will provide a clear, shared understanding of what young people should be taught and the quality of learning expected of them, regardless of their circumstances, the type of school that they attend or the location of their school.

The commitment to develop a national curriculum reflects a willingness to work together, across geographical and school-sector boundaries, to provide a world-class education for all young Australians. Working nationally makes it possible to harness collective expertise and effort in the pursuit of this common goal. It also offers the potential of economies of scale and a substantial reduction in the duplication of time, effort and resources.

This implementation will mean that there will be some changes in the subject choices and time allocations for subjects.

The Beaudesert community is very proud of its local secondary school, and I am convinced that the courses of study at this school will bring great benefits to students – both now and in the future.

Grant Stephensen Principal

YEAR 9 CURRICULUM OVERVIEW

Year 9 students study the CORE subjects of English, Mathematics, Science, History and Health & Physical Education. Involvement in Sports activities and Get Connected is also expected within the timetable.

| Key Learning Areas | Core Subject | Time Allocation |
|----------------------------------|--|---|
| English | English | 3 periods per week all year |
| Mathematics | Mathematics | 3 periods per week all year |
| Science | Science | 3 periods per week all year |
| Humanities | History | 3 periods per week for 1 semester |
| Health and Physical Education | Health and Physical Education Sport | 3 periods per week for 1 semester 1 period per week all year |

Students choose 4 ELECTIVE subjects from any of the following key learning areas: Humanities, Technologies and The Arts.

| Key Learning Areas | Elective Subject | Time Allocation |
|----------------------------|---|-----------------------------------|
| Design and Technologies | Design and Technologies Food and Fibre Production Food Specialisation Materials and Technologies Specialisations | 3 periods per week for 1 semester |
| Digital Technologies | Digital Technologies | 3 periods per week for 1 semester |
| Humanities | Economics and Business Geography | 3 periods per week for 1 semester |
| The Arts | Dance Drama Media Arts Visual Arts | 3 periods per week for 1 semester |

| | Line 1 | Line 2 | Line 3 | Line 4 | Line 5 | Line 6 |
|------|---------|-------------|---------|---------------|------------|------------|
| Term | English | Mathematics | Science | History / HPE | Electives | Electives |
| T1 | | | | | Elective 1 | Elective 2 |
| T2 | | | | | Elective I | Elective 2 |
| Т3 | | | | | | |
| T4 | | | | | Elective 3 | Elective 4 |

Some helpful hints when choosing areas of study

The following points should be taken into consideration when choosing areas of study for Year 9.

You need to consider:

Past Achievement

A student's past record is a very good indication of future success, consideration should, however, be given to whether a student has worked to their maximum ability. If results in Year 8 have been disappointing it may mean that the student has not worked diligently and consistently, that they did not like particular subjects or it may mean that they are not capable of high academic results.

Subject teachers and Heads of Departments will be able to give advice in this area.

The Nature of Subjects

Some students enjoy subjects with a high practical workload while others may enjoy more theoretical subjects. It is essential that students and parents carefully read subject descriptions and/or make enquiries of teachers of that subject before a final choice is made.

Aptitude/Ability

Does the student have special talent in a particular area for example; good with his/her hands, or has artistic or creative aptitude. These abilities and aptitudes should be encouraged.

Ambition/Career Plans

If a student has specific career plans/ambitions, then it would be wise to discuss with the Guidance Officer which subjects would best lead to that career. Where no specific career goals exist, a choice of subjects that keep as many options open as possible is advised.

Interests

Success in a subject is much more likely if a student is interested in that subject. After considering all the above points, try to choose subjects that you are most interested in.

The Final Choice

The selection of areas of study is made by the school in consultation with the student's parents and teachers. Please consider carefully the school's advice before final choices are made.

Final Allocation of Subjects

The final allocation of subjects <u>will</u> be determined by the school and may be affected by the number of places available in certain subjects.

The school reserves the right to withdraw a subject from the curriculum that year for reasons of staffing and lack of student interest.

SUBJECTS AND CAREER PATHWAYS

| ENGLISH | MATHEMATICS | SCIENCE | HISTORY |
|-----------------------|---------------------------------|----------------------------|--------------------------|
| English | Mathematics | Science | History |
| Actor | Accountant | Automotive electrician | Anthropologist |
| Archivist | Actuary | Cane tester | Archaeologist |
| Author | Bank officer (Building society, | Chemist | Archivist |
| Book editor | credit union officer) | Computer programmer | Barrister |
| Broadcaster | Bookkeeper/accounts clerk | Electrical fitter | Community development |
| Copywriter | Credit manager | Engineer | officer |
| Diplomat | Economist | Electronics service person | Criminologist |
| Interpreter | Electrical fitter | Environmental scientist | Diplomat |
| Journalist | Engineer | Forensic scientist | Historian |
| Lawyer | Geologist | Laboratory worker | Journalist |
| Librarian | Mathematician | Medical practitioner | Lawyer |
| Management consultant | Motor mechanic | Meteorologist | Librarian |
| Personnel manager | Pattern cutter/designer | Nurse | Museum curator |
| Printing machinist | Physicist | Pharmacist | Palaeontologist |
| Publisher | Programmer (information | Photographer | Photographer |
| Receptionist | technology) | Refrigeration and air- | Public relations officer |
| Speech pathologist | Quantity surveyor | conditioning Mechanic | Religious leader |
| Teacher's aide | Statistician | Sports scientist | Sociologist |
| Travel consultant | Stockbroker | Teacher | Stage manager |
| Writer | Surveyor | Telecommunication | Teacher/Lecturer |
| | Tax agent | technician | Writer |
| | Teacher | Veterinarian | |
| | | Winemaker | |

| FOOD and FIBRE PRODUCTION | ECONOMICS and BUSINESS, ICT | COMPUTER STUDIES | HEALTH and PHYSICAL EDUCATION |
|-----------------------------------|--|--|------------------------------------|
| Agricultural Science | Economics and Business Digital Technologies | Digital Technologies | HPE |
| Agricultural engineer | Accountant Bank officer | Architectural drafter | Acupuncturist Ambulance officer |
| Agricultural Science Teacher | | Business systems analyst | |
| | Bookkeeper/accounts clerk Bookmaker | Computer assembler | Beauty therapist |
| Agricultural technical officer | Car Rental officer | Computer engineer Computer hardware service | Chiropractor Fitness instructor |
| Animal attendant | Cashier | technician | Hospital manager |
| Botanist | Court and Hansard reporter | Data processing operator | HPF Teacher |
| Economist – agricultural | Court officer | Database administrator | Jockey |
| Environmental Scientist | Credit officer | Desktop publisher | Massage therapist |
| Food technologist | Croupier | Games developer | Nurse |
| Forest officer | Economist | Help desk operator | Occupational health and |
| Forester | Farm manager | Multimedia developer | safety officer |
| Horticulturist | Hotel/motel manager | Programmer | Occupational therapist |
| Jackeroo/jillaroo | Law clerk | Software developer | Physiotherapist |
| Landscape gardener | Office administrator | Software engineer | Podiatrist |
| Motor Mechanic | Real estate salesperson | Systems analyst | Psychologist – sport |
| Pest controller | Receptionist | Systems designer | Personal Trainer |
| Stock and station agent | Secretary | Teacher | Radiation therapist |
| Veterinary nurse | Stock and station agent | Training consultant | Recreation officer |
| Wool classer | Teacher | Technical support officer | Sports scientist |
| | Travel consultant | Telecommunications | Sports coach |
| | | engineer | Stunt performer |
| | | Website developer | |

| ART | PERFORMING ARTS | HOME ECONOMICS | DESIGN and TECHNOLOGIES |
|-----------------------|-------------------------------|-------------------------------|----------------------------|
| Visual Art | Dance | | Design and Technologies |
| Practical Art | Drama | Food Specialisation | Materials and Technologies |
| | Film & Media | | Specialisations |
| Architect | Actor | Butcher | Architect |
| Artist | Announcer | Catering manager | Architectural drafter |
| Craftsperson | Arts administrator | Clothing production worker | Assembler |
| Diversional therapist | Choreographer | Cook/chef | Automotive electrician |
| Dressmaker | Dancer | Craftsperson | Boilermaker |
| Engraver | Film and TV lighting operator | Dietician / Nutritionist | Builder |
| Fashion designer | Film and TV producer | Dressmaker | Cabinetmaker |
| Florist | Make-up artist | Dry cleaner | Carpenter/joiner |
| Graphic designer | Model | Fashion designer | Cartographer |
| Hairdresser | Public relations officer | Food technologist | CNC Operator |
| Interior decorator | Receptionist | Home care worker | CNC Programmer |
| Industrial designer | Recreation officer | Home economist | Drafter |
| Jeweller | Set designer | Hospital food service manager | Engineering associate |
| Landscape architect | Speech pathologist | Hotel/motel manager | Electrical Engineer |
| Landscape gardener | Stage manager | Interior decorator | Fashion Designer |
| Make-up artist | Teacher – dance | Nanny | Fitter and turner |
| Multimedia developer | Teacher – speech & drama | Nurse | Graphic designer |
| Photographer | Teacher – Film & TV | Pattern cutter | Industrial designer |
| Set designer | Tour guide | Retail buyer | Landscape architect |
| Screen-printer | Writer | Tailor | Mechanical Engineer |
| Sign-writer | | Teacher | Metal fabricator |
| Teacher | | | Metal machinist |
| Wood turner | | | Panel beater |
| | | | Picture framer |
| | | | Robotic Engineer |
| | | | Sheet-metal worker |
| | | | Teacher |
| | | | Wood machinist |

| MUSIC | GEOGRAPHY | |
|--|--|---|
| Music | Geography | |
| Announcer Arts administrator Composer | Agricultural scientist Anthropologist Archaeologist | |
| Computer games developer Conductor | Architect Armed forces officer | |
| Film and TV producer Music librarian Music therapist | Cartographer Civil engineering technologist Ecologist Environmental scientist | |
| Musical instrument maker Musician | Farm manager Foreign Affairs and Trade Officer | |
| Piano technician Recreation officer | Forester Geologist Geophysicist | |
| Singer/vocalist Sound technician Stage manager | Hydrologist Land economist Landscape architect | Geography cont. |
| Teacher – early childhood Teacher – music | Meteorologist Mine engineer Natural resource manager | Sociologist Surveyor Tour guide |
| Teacher – primary Teacher – secondary | Navy officer Park ranger Pilot | Tourist information officer Urban and regional planner Writer |

CORE SUBJECTS

ENGLISH

RATIONALE

English helps create confident communicators, imaginative thinkers and informed citizens. It is through the study of English that individuals learn to analyse, understand, and communicate; building relationships with others and the world around them. The study of English helps young people develop the knowledge and skills needed for education, training and the workplace. It helps them become ethical, thoughtful, informed and active members of society.

AIMS

The aim of English is the ensure that students:

- learn to listen to, read, view, speak, write and reflect on increasingly complex and sophisticated spoken, written and multimodal texts across a range of contexts
- appreciate, enjoy and use the English language and develop a sense of its richness and power to evoke feelings, convey information, form ideas, facilitate interaction with others, entertain, persuade and argue
- creating interest and skills through inquiring into the aesthetic aspects of texts; developing an informed appreciation of literature.

COURSE OUTLINE

English is organised into three interrelated strands that support students' growing understanding and use of Standard Australian English. Together the three strands focus on developing students' knowledge, understanding and skills in listening, reading, viewing, speaking and writing. The three strands are:

- Language: knowing about the English language
- Literature: understanding, appreciating, responding to, analysing and creating literature
- Literacy: expanding the repertoire of English usage

Learning in English builds on concepts, skills and processes developed in earlier years, which will be revisited and strengthened.

ASSESSMENT

The assessment is continuous and involves class work, assessment tasks and tests. All skill areas (listening, viewing, reading, speaking and writing) will be assessed. Students will create a range of imaginative, analytical and persuasive types of texts including narratives, multimodal presentations, reviews and literary analyses for assessment.

CONTACT PERSON

Mrs Mandy De Vivo Head of Department - English <u>mdevi31@eq.edu.au</u>

MATHEMATICS

AIMS

Through participation in the Mathematics Program at Beaudesert State High School, students will participate in a course designed from the Australian Curriculum that incorporates the topics of Statistics and Probability, Measurement and Geometry and Numbers and Algebra.

By the end of Year 9:

- Students solve problems involving simple interest.
- They interpret ratio and scale factors in similar figures.
- Students explain similarity of triangles.
- They recognise the connections between similarity and the trigonometric ratios.
- Students compare techniques for collecting data from primary and secondary sources.
- They make sense of the position of the mean and median in skewed, symmetric and bi-modal displays to describe and interpret data.
- Students apply the index laws to numbers and express numbers in scientific notation.
- They expand binomial expressions.
- They find the distance between two points on the Cartesian plane and the gradient and midpoint of a line segment.
- They sketch linear and non-linear relations. Students calculate areas of shapes and the volume and surface area of right prisms and cylinders.
- They use Pythagoras' Theorem and trigonometry to find unknown sides of right-angled triangles.
- Students calculate relative frequencies to estimate probabilities, list outcomes for two-step experiments and assign probabilities for those outcomes.
- They construct histograms and back-to-back stem-and-leaf plots.

ASSESSMENT

Assessment will take the form of mid and end semester tests and assignments/ investigations/practical tests.

CONTACT PERSON

Mr Michael Gardiner Head of Department - Mathematics mjgar1@eq.edu.au

History is about change. It looks at people over times past and present in different societies, noticing and explaining their attitudes, beliefs and behaviours, and interpreting their reactions to the various pressures, conditions and events that lead to change. In Year 9, History particularly focusses on Australia within an international context.

HOW WILL YOU LEARN?

We learn about the past by investigating and analysing the physical evidence left behind – tangible objects such as bones, tools, weapons, buildings and photographs, and literary evidence such as letters, diaries, government records and newspapers.

When studying History, as in everyday life, we ask meaningful questions, collect evidence, sift through it, analyse and evaluate it, to produce satisfactory answers to problems. These answers provide a context for our own lives and establish a range of values that shape our attitudes, beliefs and behaviours.

COURSE OUTLINE

History will incorporate the following units of work in Year 9:

- The Industrial Revolution: Changing Nature of Work and Lifestyle
- The Making of a Nation: From Colonisation to Federation
- World War 1: Rise of the Australian Nation

ASSESSMENT

There will be three pieces of summative assessment per Semester. Specific assessment instruments will be drawn from the following types:

- Short Response Knowledge and Skills Test
- Essay Exam Response to Historical Sources
- Written Research Assignment

CONTACT PERSON

Mrs Sandra Malmstedt Head of Department - Humanities and Business smalm1@eq.edu.au

SCIENCE

RATIONALE

Science is a dynamic, hands-on, investigative, core subject that develops students understanding of the nature of the world today and a scientific approach to thinking, decision making and problem solving. To be an active participant in today's society all students will need an understanding of such key issues as genetics, the environment, our use of energy and sexual health. The science course offered at Beaudesert State High School will give students this understanding as well as important thinking skills to work with new ideas.

AIM

The aim of this course is to provide our students with the thinking skills and knowledge to make better decisions and better understand the world in which they live. An understanding of science is critical to being an informed citizen of today. Advances in medicine and genetic research demands that citizens be involved in making ethical decisions where deep knowledge is required. How science interacts with our society is an important aspect of Science. Students are asked to think about this and learn to understand and question the scientific ideas that underpin much of our society.

COURSE OUTLINE

There are five key components in Science. These are:

- <u>Science as a Human Endeavour</u> examining issues with how science impacts on our lives and how we can be actively involved as citizens
- <u>Chemistry</u> studying materials and how they are used, scientific theories and the patterns with which they interact
- <u>Biology</u> examining the human body, ecology and environmental issues, genetics and heredity
- <u>Physics</u> examining forces and energy, the ways they interact and sources of energy
- <u>Earth Sciences</u> our universe and the use of resources on our planet are examined

Students will develop deep knowledge of science through real life inquiries. Examples of possible tasks in Year 9 include:

- Is there still dynamic Earth changing processes occurring today??
- How do humans, plants and animals connect to maintain their survival?
- Are there patterns in the way's chemicals react?
- Is sound-light and heat energy related?
- Why is biodiversity so important?

Laboratory work is important in the sciences and there is a strong expectation that students will come prepared for this. This includes being well equipped, organized and ready to work! As safety is paramount, students involved in inappropriate behavior will be excluded from practical work. If exclusion is for an extended period, parents will be notified.

ASSESSMENT

Science assessment has two main aspects: The knowledge and understanding of science concepts, and scientific skills. Both are important for attaining a good result in Science.

Students will be given regular opportunities to demonstrate their understandings of scientific concepts in as many ways as possible, including daily activities, journals, conversations, models, reports, displays, experiments and of course exams. <u>Every</u> major assessment activity (one per term), will be used to gain credit towards a semester Level of Achievement.

CONTACT PERSON

Mr Keith Tyrrell Head of Department - Science <u>ktyrr9@eq.edu.au</u>

Health and Physical Education is a physically based subject that uses knowledge from a wide variety of areas to assist students in the promotion of their own health.

HPE provides opportunities for students to:

- learn about different types of health
- experience different forms of physical activity
- recognise the value of physical activity to health
- develop the necessary physical and social skills for life long participation in physical activity

AIMS

Health and Physical Education aims to:

- Develop students who can perform a range of skills and tactics across a variety of sport
- Prepare students for future study in Health and Physical Education and Sport and Recreation courses
- Show students how knowledge of physical education can be used to improve physical performance and health
- Develop students who are healthy physically, mentally, emotionally and socially
- Provide a foundation for developing active and informed members of society

COURSE OUTLINE

Health and Physical Education requires students to engage in both theoretical and practical components. Over the semester, students will be engaged in the following activities and concepts:

- Respectful Relationships Theoretically, students identify what respectful relationships are and how
 empathy and ethical decision-making contribute. Students examine the changes they are going through as
 their sexuality and/or identity develops, and the impact these have on relationships. They evaluate situations
 and propose appropriate responses, as they reflect on possible outcomes and make decisions in relationship
 contexts. Practically, students develop their teamwork skills and their capacity to apply and transfer concepts
 and strategies in invasion games.
- Sustainable Health Theoretically, students identify factors that contribute to sustainable health such as regular physical activity, balanced nutrition, a healthy state of mind and community connection. They examine the external influences that could impact on their ability to make good decisions and plan a response that promotes community health practices and addresses an identified sustainable health concern. Practically, students explore how the role of physical activity in daily life has changed over time.

In year 9 HPE, students have the option to trial for an academy class. The academy classes will follow the same outline as above, however, the focus sport in each unit will be their academy sport. In 2024, the academy focus sports will be Rugby League, Soccer and Volleyball (both males and females in all three sports). If the student is successful in their trial and offered a position in the academy of their choice, a levy fee of \$200 is required to be paid to secure their place.

Students will be expected to wear clothing suitable (particularly footwear) for each practical activity and will be assessed in all units. **Hats must be worn for practical sessions**. If students cannot participate physically for any reason a note explaining must be supplied and they will be required to complete written tasks related to the physical activity. Academy classes are required to bring appropriate footwear, mandated safety equipment (if required) and full training kit. A formal uniform will need to be purchased for students to wear to games.

ASSESSMENT

Students will be required to demonstrate their abilities to analyse, investigate, evaluate, demonstrate and compose through a range of theoretical and performance tasks.

CONTACT PERSON

Mrs Lisa Callaghan Head of Department - Physical Education Icall62@eq.edu.au

ELECTIVE SUBJECTS

DANCE

RATIONALE

Dance provides another mode of learning and developing special interests, needs and talents. Dance heightens awareness of, and develops respect for, the body and increases the quality of a person's physical well-being. Dance allows students to achieve their unique potential in and through the Arts.

AIMS

Dance aims to:

- develop physical coordination, discipline and self confidence
- understand that movement can have ritual, social and artistic purposes
- develop self-expression and motivation
- promote and realise creative, imaginative and inventive potential
- foster positive relationships with others
- develop critical analysis skills
- realise that dance is an intrinsic part of culture and heritage
- develop a well-rounded knowledge and appreciation of different dance styles, and to enhance performance and choreography skills

| Curriculum | Unit 1 | Unit 2 |
|------------------|---|--|
| Unit name | Moving their way | Moving your way |
| Unit description | Students perform and respond through the lens of jazz and dance theatre evolutions, that have impacted cultures, places and times on Australian dance. | Students explore contemporary and hip- hop genres to find new movement possibilities to create personal style. |
| Assessment | Developing practice and skills Presenting and performing | Exploring and responding Making and creating |

COURSE OUTLINE

All Dance students will have the opportunity to attend excursions and perform at the annual Dance Drama Night (Semester 1) and Arts Night (Semester 2).

ASSESSMENT

Assessment is in the three key areas of performing, choreography and responding. This may take the form of written tests, assignments, orals, performances, self-evaluations and choreography tasks.

CONTACT PERSON

Mrs Gemma Wuersching Head of Department - The Arts & Information Technology gxwue0@eq.edu.au

In an increasingly technological and complex world, it is important to develop knowledge and confidence to critically analyse and creatively respond to design challenges. Knowledge, understanding and skills involved in the design, development and use of technologies are influenced by and can play a role in enriching and transforming societies and our natural, managed and constructed environments.

Design and Technologies enables students to become creative and responsive designers. When they consider ethical, legal, aesthetic and functional factors and the economic, environmental and social impacts of technological change, and how the choice and use of technologies contributes to a sustainable future, they are developing the knowledge, understanding and skills to become discerning decision-makers.

The Design subject focuses on the application of design thinking to envisage creative products, services and environments in response to human needs, wants and opportunities. Designing is a complex and sophisticated form of problem-solving that uses divergent and convergent thinking strategies that can be practised and improved. Designers are separated from the constraints of production processes to allow them to appreciate and exploit innovative ideas.

AIMS

By the conclusion of the course of study, students will gain an understanding of:

- describing design problems and design criteria
- representing ideas, design concepts and design information using drawing and low-fidelity prototyping
- analysing needs, wants and opportunities using data
- devising ideas in response to design problems
- synthesising ideas and design information to propose design concepts
- evaluating ideas and design concepts to make refinements
- making decisions about and use mode-appropriate features, language and conventions for particular purposes and contexts

COURSE OUTLINE

- Introduction to design thinking
- Divergent and convergent thinking strategies
- Clients wants and needs
- Designing with empathy
- Product redesign
- Human-Centered design
- Commercial Design
- Sustainable Design

ASSESSMENT

Course work and skill acquisition will be assessed on a continual basis through assignment work, as well through a formal exam at the end of the semester.

Problem solving skills and knowledge and understanding will also be evaluated through the production of folios of work based upon a theme and drawing software.

FUTURE PATHWAYS

This course is a preparatory course for students intending to undertake Design and Technology in years 9 and 10, as well as Senior Design in years 11, and 12. It provides a valuable foundation for students wishing to pursue a career in architecture, digital media design, engineering, fashion design, graphic design, industrial design, interior design, robotics and systems design.

CONTACT PERSON

Ms Amanda Johnston Head of Department – Industrial Technology and Design ajohn799@eq.edu.au

DIGITAL TECHNOLOGIES

RATIONALE

Students design and evaluate user experiences and algorithms. They design and implement modular programs, including an object-oriented program, using algorithms and data structures involving modular functions that reflect the relationships of real-world data and data entities. They take account of privacy and security requirements when selecting and validating data. Students test and predict results and implement digital solutions. They evaluate information systems and their solutions in terms of risk, sustainability and potential for innovation and enterprise. They share and collaborate online, establishing protocols for the use, transmission and maintenance of data and projects.

AIMS

This course is designed around the use of computers and associated software to enhance and build upon students' previously acquired ICT knowledge and skills. All learning experiences are structured within a problem-solving project context.

| Curriculum | Unit 1 | Unit 2 |
|------------------|---|--|
| Unit name | Web Page Project Defining and Designing | Web Page Project Implementing & Evaluating |
| Unit description | Students learn how to manage a digital project using an iterative approach. They learn about the design and development of user experience and user interface in HTML, about the security implications of digital solutions, functional and non-functional requirements of projects and about the how the risks, sustainability and innovation of a digital solution are important. | Students learn how to manage a digital project using an iterative approach. They design, develop, implement and test algorithms using modular coding in Python integrating with their HTML using Flask. They learn about the security implications of digital solutions, functional and non- functional requirements of projects and about the how the risks, sustainability and innovation of a digital solution are important. |
| Assessment | Project: Interactive web application coding | Project: Interactive web application coding |

COURSE OUTLINE

COURSE REQUIREMENTS

Students will need ready access to computers both at school and at home. The computer needs to be capable of running the software packages listed below (in some cases a similar software package will be acceptable).

Software Packages required: An Office Suite (eg *Microsoft Word, Excel* or similar) and *Internet Explorer* (or similar).

CONTACT PERSON

Mrs Gemma Wuersching Head of Department - The Arts & Information Technology <u>gxwue0@eq.edu.au</u>

Drama is more than just learning lines and acting. Drama can develop students' artistic and creative skills. It can also provide knowledge and skills that are transferable to a variety of artistic, social and work-related activities. It focuses on students expressing and communicating understandings about human issues and experience through the enactment of real and imagined events. Students as dramatic artists and critics develop confidence and self-awareness as they collaborate to prepare and present performances. They also develop understanding of the forms, styles and purpose of drama.

AIMS

Drama encourages the development of:

- creative, critical, imaginative and inventive thinking
- disciplined working
- the ability to work alone or in groups
- self-motivation

- communication
- the ability to see things through to completion
- the exploration of ideas
- being open to new experiences

| Curriculum | Unit 1 | Unit 2 |
|---------------------|--|--|
| Unit name | Magical Realism and Australian Gothic Theatre | Collage Drama |
| Unit description | Students will explore the different dramatic conventions and styles within Magical Realism and Australian Gothic theatre. Students will explore Aboriginal and Torres Strait Islander storytelling and dramatist as they transition to contemporary Australian theatre within Magical Realism and Australian Gothic Theatre. Students will develop their performance skills along with their self-evaluation skills throughout the rehearsal process. | Students explore different styles of theatre and dramatic conventions through a Collage Drama play building unit. Students will work in large groups to create a performance based on theme or issue decided by the class. Students will experiment with, practical roleplay, writing in role, improvisation, play building, journal documenting, storyboarding, and other devising techniques. Students will present a class/large group collage drama piece at the end of the unit. |
| Assessment | Developing practice and skills | Exploring and responding |
| | Presenting and performing | Making and creating |

*All Drama students will have the opportunity to attend excursions, workshops and perform on the annual Dance and Drama Night (Semester 1) and Arts Night (Semester 2).

ASSESSMENT

The two equally weighted areas of assessment are Making and Responding. Practical assessment is both individual and group and includes; improvisation, scripted performance work and monologues. Written assessment includes; journals, analysis of performance, directing plans and programmes and script writing.

CONTACT PERSON

Mrs Gemma Wuersching Head of Department - The Arts & Information Technology gxwue0@eq.edu.au

COURSE OUTLINE

The study of Economics and Business provides students with the knowledge and skills to be financially literate in their everyday life, as well as being able to understand and participate within the global economy as either an individual or a business entrepreneur.

HOW WILL YOU LEARN?

An inquiry approach leads students to learn about how economic performance is measured and managed, and how governments, businesses and aindividuals respond to changing economic conditions. Students will investigate the local, national and global economy and then draw upon this knowledge to devise and "implement" various business ventures.

COURSE OUTLINE

Economics and Business in Year 9 is studied for a single semester.

| Term A | Financial Responsibilities: The Risks and the Rewards |
|--------|---|
| Term B | Competing as a Business in the Global Economy |

ASSESSMENT

There will be one piece of summative assessment per Unit. Specific assessment instruments will be drawn from the following types:

- Short Response Knowledge and Skills Test
- Research-Based Assignment
- Business Report

CONTACT PERSON Mrs Sandra Malmstedt Head of Department - Humanities and Business smalm1@eq.edu.au

Food and Fibre Production provides students with opportunities to experience the scientific principles and practices that are engaged in modern agricultural production. These experiences are delivered in an agricultural context by employing the assets of a well-resourced school farm and an additional grazing property on the outskirts of Beaudesert.

AIMS

Upon completion of this course, students will have developed:

- Knowledge and understanding of the sciences within the framework of an agricultural context
- A range of communication and processing skills and techniques employed in agricultural and scientific practices
- Appreciation of the role that responsible farming and agricultural science play in Australian society
- Appreciation of the importance of sustainable agriculture in a world of finite resources
- Prepare students for Food and Fibre Production and Agricultural Mechanics in Year 10

COURSE OUTLINE

- 1. Agricultural Crop Production and Hydroponics:
 - Cropping Systems & Cycles (Agronomy and Horticulture)
 - Crop Production Practices (Cultivation, Pest Control and Harvesting)
 - Crop Management Techniques (Processing, Sales and Marketing)
 - Sustainable and ethical agriculture (sustainable production)
- 2. Animal Science:
 - Intro to animal studies
- 3. Agricultural Mechanics:
 - General introduction into engines and agricultural machinery

ASSESSMENT

Students will be assessed through a range of the following methods:

- Formal Tests
- Assignments
- Practical Tests
- Experiment & Practical Reports
- Student notebooks/folders
- Informal/diagnostic in-class tests

Practical work will be conducted as required. Use of the Agriculture Department computer laboratory will occur from time to time for the purposes of research and information processing. Please note that Q fever and other zoonotic diseases are a minor risk factor when working with animals.

CONTACT PERSON

Ms Kate Bandrowski Head of Department - Agriculture <u>kband3@eq.edu.au</u>

FOOD SPECIALISATION

RATIONALE

Food Specialisation is a practical subject supported by theory components. This subject focuses on the study of foods and their selection, preparation and presentation. The subject allows students to enjoy a range of experiences and equips them with basic skills that can be transferred to general life including home, school and work.

AIMS

The Food Specialisation course aims to develop students' knowledge of food, food selection and preparation skills. Food Studies encourages students to experiment with new foods and flavours and provides opportunities for students to research, design and create practical food products for specific purposes. The learning experiences provided will enable students to further develop their decision-making, personal interaction, problem solving and resource management skills.

| Curriculum | Unit 1 | Unit 2 |
|---------------------|---|--|
| Unit name | FOUNDATION FOR HEALTH | MENU PLANNING |
| Unit description | In this unit students will revise safety, hygiene and organisational procedures in the kitchen. Students will develop their knowledge and preparation skills of the following food products: - Eggs Cereals Pasta Noodles Rice Fats and sugar Vegetables This unit provides opportunities for students to:- Researching recipes for a specific purpose eg. Picnic hamper Observing teacher demonstrations Select and use appropriate technologies to skilfully and safely produce a high-quality product Apply and modify management plans Reflect and evaluate the application of production processes on the end product and recommending changes. | In this unit students will develop their knowledge and preparation skills of the following food products: - Meat/poultry Dairy Hot and cold desserts Menu planning Table setting Food presentation This unit provides opportunities for students to: - Researching recipes for a specific purpose e.g. celebration event Observing teacher demonstrations Select and use appropriate technologies to skilfully and safely produce a high-quality product Apply and modify management plans Reflect and evaluate the application of production processes on the end product and recommending changes. Establish criteria for effective evaluation of the production of recipes |
| ASSESSMEN | NI | |

COURSE OUTLINE

ASSESSMENT

Each unit assessment includes:

- Project written and practical
- Cookery Exam
- Participation in weekly practical tasks

COURSE REQUIREMENTS

The provision of cookery ingredients will be a combination of school and parents/carers. The teacher will specifically identify at the start of the unit which cookery ingredients parents/carers are to provide. Most food products will be taken home; however, some may be eaten at school. This is dependent on the nature of the task. Parents/Carers will need to supply all ingredients for their cookery exams.

CONTACT PERSON

Mrs Denise Plunkett Head of Department - Home Economics and Languages <u>dpluni@eq.edu.au</u>

GEOGRAPHY

RATIONALE

Being an informed global citizen requires an understanding of our natural environment and the impact that human activity has upon it. Informed people take responsibility for actions that will preserve our planet and our lifestyles – now and in the future.

HOW WILL YOU LEARN?

Geography is a skills-based course of learning. You will engage in mapping, graphing, sketching and decision-making in order to propose solutions to problems that affect everyone who lives on Earth whether locally or globally.

Through analysis of geographical data, students will investigate the causes, consequences and future implications of changes to places and environments, and consider how such change can be managed.

This course of learning includes a mandatory field excursion.

COURSE OUTLINE

Geography in Year 9 is studied for a single semester.

| Term A | Biomes and Food Security: Feeding the World |
|--------|---|
| Term B | Geographies of Interconnections: The Effect of Transportation and Communication |

ASSESSMENT

There will be three pieces of summative assessment for this course of learning:

- Short Response Knowledge and Skills Test
- Written Field Report based upon mandated field excursion
- Data-Researched Written Report

CONTACT PERSON

Mrs Sandra Malmstedt Head of Department - Humanities and Business smalm1@eq.edu.au

Mr Dale Lukritz Lead Teacher <u>dlukr1@eq.edu.au</u>

Technology has been an integral part of society for as long as humans have had the desire to create products to improve their quality of life. In an increasingly technological and complex world, it is important to develop the knowledge, understanding and skills associated with traditional and contemporary tools and materials used by Australian manufacturing industries to create products.

AIMS

The Materials and Technologies Specialisations subject focuses on the underpinning industry practices and production processes required to manufacture products in a variety of industries, including aeroskills, automotive, building and construction, engineering, furnishing and plastics. It provides a unique opportunity for students to experience the challenge and personal satisfaction of undertaking practical work while developing beneficial vocational and life skills.

| Part A | Timber Trade Skills | | |
|-------------|--|--|--|
| Week 1 | Safety in the Timber Workshop, Engineering Drafting Skills | | |
| Weeks 2 – 3 | Timber Trade Skills – Toy Truck | | |
| Weeks 4 – 9 | Design and Timber Trade Skills – CO2 Dragster - Material List, Costing Sheet, Time Sheet | | |
| Week 10 | Final Portfolio | | |
| Part B | Metal Trade Skills | | |
| Week 1 | Safety in the Metal Workshop, Engineering Drafting Skills | | |
| Weeks 2 – 9 | Metal Trade Skills – Carry All Tool Box – Material List, Costing Sheet, Time Sheet | | |
| Week 10 | Final Portfolio | | |

COURSE OUTLINE

ASSESSMENT

- Theory Tasks Engineering drawings, material lists, costing sheets and time sheets
- Practical Components Projects

FUTURE PATHWAYS

Year 9 Materials and Technologies Specialisations gives students an introduction into the timber and metal trades industries. Students will gain the knowledge, understanding and skills to confidently undertake a range trade based options in senior secondary such as

- Vocational courses including Automotive, Building and Construction, Engineering, Furnishing, and Industrial Technology Skills
- School based traineeships and apprenticeships

CONTACT PERSON

Ms Amanda Johnston Head of Department – Industrial Technology and Design ajohn799@eq.edu.au

Media develops more active and critical media users who will demand, and could contribute to, a greater diversity of media in the future. Students are equipped to live in a global community that communicates through various technologies that combine still and moving images, words and sounds. Students are also versed in the skill of media interpretation and analysis, via written assignments. A primary aim of the course is to develop an awareness of how the media functions.

AIMS

Students will be able to:

- communicate information and ideas
- use and explore technology, and multi-media production
- create for a purpose
- produce for an audience
- work in teams
- persevere through to completion
- explore new ideas and concepts
- be critical of what they see, hear or read

COURSE OUTLINE

| Curriculum | Unit 1 | |
|------------------|--|--|
| Unit name | Film Fundamentals | |
| Unit description | Students respond to short films from across the world. They design and produce a portfolio of work including a poster, web design and promotional video. | |
| Assessment | Exploring and responding Making and creating | |

ASSESSMENT

Students will be assessed using a variety of techniques. Video productions created using computer technology are the main form of practical assessment. Written assignments assessing theoretical components may be submitted on paper or in any electronic format approved by the teacher.

CONTACT PERSON

Mrs Gemma Wuersching Head of Department - The Arts & Information Technology gxwue0@eq.edu.au

By the end of Year 10, students evaluate how representations communicate artistic intentions in artworks they make and view. They evaluate artworks and displays from different cultures, times and places. They analyse connections between visual conventions, practices and viewpoints that represent their own and others' ideas. They identify influences of other artists on their own artworks.

AIMS

Students will be able to:

- create, critique, imagine and invent
- work independently or in a team, where required
- push boundaries and explore new expressions
- communicate visually and kinaesthetically
- see things through to completion by resolving ideas
- explore ideas and concepts

COURSE OUTLINE

The following areas will be covered in this subject: Students manipulate materials, techniques and processes to develop and refine techniques and processes to represent ideas and subject matter in their artworks.

| Curriculum | Unit 1 | Unit 2 | |
|---------------------|---|---|--|
| Unit name | Nature Vs Mechanics | Selfie | |
| Unit description | | | |
| Assessment | Developing practice and skills Making and creating | Exploring and responding Making and creating | |

Two-dimensional art work covers areas such as drawing and painting, screen printing and lino printing and design related activities, including computer graphics, which involve the use of a variety of media techniques.

We explore the representation of landscapes, still life, portraits and abstract environments through various art techniques. We study how other artists have approached such subjects in their own work throughout history.

ASSESSMENT

Assessment is based upon achievement in three areas: Making & Responding to images and objects. Making involves the process involved in developing an idea and experimenting with various techniques. Responding is the theoretical component. Here, students are assessed on their ability to analyse and interpret various art works in written form.

CONTACT PERSON

Mrs Gemma Wuersching Head of Department - The Arts & Information Technology <u>gxwue0@eq.edu.au</u>

Our Academy Sport electives provides an extension in the students' chosen sporting field beyond the mainstream classroom. The program allows students to become autonomous learners who are actively engaged in the development of their skills and talents and aims to develop players that are not only technically and tactically proficient, but are good decision-making players that have a highly developed knowledge of their chosen sport. Our teaching team is comprised of staff who are experts in their fields. They stay abreast of current and emerging research to ensure that their curriculum is dynamic and engaging.

Students who successfully trial to be a member of the academy are required to choose the Academy Sport of their choice 6 month elective option.

AIMS

Academy Sport aims to:

- incorporate decision-based training that forces training of skills under pressure
- compulsory fitness testing
- regular strength and conditioning sessions including compulsory gym attendance
- explicit training of game strategy

Academy programs are underpinned by high expectations and clear consequences for not meeting them. We stress that our students are humble and respectful people who's attitudes reflect their desire to be great.

COURSE OUTLINE

| Curriculum | Unit 1 | Unit 2 | |
|------------------|---|---|--|
| Unit name | Nutrition and Sport | Mental Health and Performance | |
| Unit description | Students synthesise health information from The Australian Guide to Healthy Eating and The Australian Physical Activity and Sedentary Behaviour Guidelines to propose and justify strategies to enhance their own and other health. | Students propose, evaluate and justify strategies to manage their identities emotions and mental health wellness where external factors may impact on the ability to make healthy and safe choices. | |
| Assessment | Project Folio - Multimodal Practical performance | Exam – Letter of advice Practical Performance | |

This elective allows the students opportunities to complete in local, state and national level competitions.

ASSESSMENT

Assessment is in the two key strands of Personal, Social and Community Health and Movement and Physical Activity. This may take the form of written tests, assignments and practical performance.

CONTACT PERSON Mrs Lisa Callaghan Head of Department – Health and Physical Education and Sport

CO-CURRICULAR SUBJECTS

SPORT YEAR 9

(COMPULSORY)

RATIONALE

All students are involved in the school sport program as it:

- provides time for regular physical activity, which is an important lifelong habit
- allows school teams to be chosen for inter-school carnivals
- provides opportunities to interact with other students from other schools
- builds team work, communication and decision-making skills

AIMS

At Beaudesert SHS we aim to provide:

- A wide range of sporting options in both a competitive and recreational environment
- Time to improve their student's physical skills
- Practical situations for students to develop team skills, resolve conflict, set goals and develop problem solving strategies
- Encouragement for students to realise the health benefits of regular physical activity and fitness
- Opportunity for students who wish to pursue a career in representative sport

Sport and Activities is scheduled within the student timetable for one lesson per week. This will continue through the full school year but changes to the sport and activity will be made each trimester. For trimesters 1 and 2, students will be with their Roll Class and rotate through a range of sport and cultural activities. For the final trimester, students will select an offered sport or activity.

Sport in the school is offered through Intra-school (recreational) competition and Inter-school competition.

COURSE OUTLINE

- a) <u>Interhouse</u>: Inter-house carnivals are conducted in Swimming (February), Cross Country (end of Term 1) and Athletics (end of Term 2) and all students in the school are required to participate. Students are placed in a house according to their surname Cunningham (A-D), Fraser (E-K), Kennedy (L-Q), Leichhardt (R-Z) and from these carnivals students are chosen to represent the school in the district (Pacific), regional (South Coast) and State titles.
- b) <u>Interschool Sports Available</u>: Three seasons will be conducted for interschool sport. Each season will involve two full round robin days against other schools.

| BOYS: | Basketball | GIRLS: | Basketball | Soccer |
|-------|----------------|--------|--------------|----------------|
| | Rugby League | | Netball | Touch Football |
| | Soccer | | Rugby League | Volleyball |
| | Touch Football | | | |
| | Volleyball | | | |
| | | | | |

District premiers will progress to compete at the Gold Coast finals.

- c) <u>Knockout Competitions</u>: The school participates in various interschool competitions, both carnival and knock out style. Teams are normally nominated in rugby league, soccer, netball, futsal and touch.
- e) <u>Representative Sports</u>: All students are eligible to represent their District, Region or State at their chosen sport and these students are selected at the various competitions conducted by each sport throughout the year. Pacific and South Coast sports days are held in term one, two and three and from these days the representative teams to participate in the State titles are selected.

CONTACT PERSON

Mrs Lisa Callaghan Head of Department – Health and Physical Education Icall62@eq.edu.au Instrumental Music is offered at Beaudesert High School in addition to students' regular subjects. Tuition is provided in the following areas:

- Strings
- Brass
- Woodwind
- Percussion

Ensemble experience is provided through the formation of concert bands, orchestras and other ensembles. The program becomes an integral part of the student's music education. Instruction takes place on a group basis with 3-10 students learning together.

SELECTION CRITERIA

Students will be selected for the program according to the various criteria:

- 1. student's willingness to learn
- 2. physical characteristics pertinent to a particular instrument (eg. Student must be able to reach all the keys).
- 3. commitment of student and parent both to daily practice and to regular attendance at lessons and rehearsals

Every student must agree to:

- Practice regularly a short period every day.
- Become a member of the school concert band or orchestra or other group.
- Take part as required in all concerts and camps.
- Attend lessons, rehearsals and other classes regularly as required.

COSTS

Fees are consistent with those charged by cluster schools:

- \$30 per year levy using own instrument, PLUS
- \$20 per year if hiring a school instrument.

Regular expenses are required at various intervals for reeds, strings, oils, etc. and these must be met by parents.

Where parents are considering the purchase of an instrument for their child, they are requested to consult with the instructor before arranging any purchase.

CONTACT PERSON

Mrs Gemma Wuersching Head of Department - The Arts & Information Technology gxwue0@eq.edu.au