

SARINA STATE HIGH SCHOOL



**2022
YEAR 9
COURSE GUIDE**



Contents

Core Subjects

English	4
Health and Physical Education	5
History and Geography	6
Mathematics	7
Science	8

Elective Subjects

Food and Fibre Production.....	9
Food Specialisations	10
Economics and Business	11
Drama	12
Design and Technologies.....	13
Digital Technologies	14
Materials and Technologies Specialisations	15
Japanese.....	16
Music.....	17
Visual Arts	18

Electives

In 2022, students will have the chance to engage in three different electives throughout the year. All students will be able to choose an elective option on one line which they will study for one semester and they will select again in semester two.

On another line half of the cohort will complete History and Geography for one semester and the other half of the cohort will select an elective that is on offer on that line, they will then rotate in semester 2.

	Line	Line
Semester 1	Elective 1	History and Geography or Elective 3
Semester 2	Elective 2	Elective 3 or History and Geography

English

Subject Code	ENG
Core/Elective	Core
Time Allocation	3 x 70 minute lessons per week

Rationale:

The study of English is central to the learning and development of all young Australians. It helps create confident communicators, creative thinkers and informed citizens. It is through the study of English that individuals learn to analyse, understand, communicate and build relationships with others, and with the world around them.

The study of English plays a key role in the development of reading and literacy skills which help 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. English also helps students to engage imaginatively and critically with literature to expand the scope of their experience.

Course Structure:

This course covers study on the following topics:

- **Media texts:** Exploring contemporary ethical issues
- **Novel Study:** Exploring contemporary migrant experiences
- **Drama Script:** Representations of people, social groups, issues and events (12 Angry Men)
- **Poetry:** Representations of the Australian identity

Assessment:

Year 9 English students are assessed in two main ways spoken and written:

Task 1: Spoken: Persuasive (multimodal): video blog (Vlog)

Task 2: Written: Creative Short Story (Migrant Experiences)

Task 3: Written: Analytical Feature Article

Task 4: Spoken: Analytical (multimodal)

Health and Physical Education

Subject Code	HPE
Core/Elective	Core
Time Allocation	3 x 70 minute lessons per week

Rationale:

In Health and Physical Education, students develop the skills, knowledge, and understanding to strengthen their sense of self, and build and manage positive, respectful relationships. They learn to build on personal and community strengths and assets to enhance safety and wellbeing. They critique and challenge assumptions and stereotypes. Students learn to navigate a range of health-related sources, services and organisations.

At the core of Health and Physical Education is the acquisition of movement skills and concepts to enable students to participate in a range of physical activities – confidently, competently and creatively. As a foundation for lifelong physical activity participation and enhanced performance, students acquire an understanding of how the body moves and develop positive attitudes towards physical activity participation. They develop an appreciation of the significance of physical activity, outdoor recreation and sport in Australian society and globally. Movement is a powerful medium for learning, through which students can practice and refine personal, behavioural, social and cognitive skills.

Course Structure:

This course covers study on the following topics:

- Unit 1: Illicit Drug Education
- Unit 2: Human Relationships Education
- Unit 3: Sports Related Fitness
- Unit 4: Positive Mental Health

Assessment:

Year 9 Health and Physical Education students are assessed in two main ways:

- Investigating
- Performance and practical application

Students will have the option to elect to participate in the Rugby League or Netball Development Program classes where their learning is targeted to the development of the player.

Additional Cost:

Netball: \$100 for continuing students; or \$120 for a new student to the program.

Additional Cost:

Rugby League: \$120 for continuing students; or \$140 for a new student to the program.

History and Geography

Subject Code	HIS and GEG
Core/Elective	Core
Time Allocation	3 x 70 minute lessons per week (1 Semester)

Rationale:

History: Awareness of history is an essential characteristic of any society, and historical knowledge is fundamental to understanding ourselves and others. History promotes the understanding of societies, events, movements and developments that have shaped humanity from earliest times. In 2007 the bodies of 250 Australian and British soldiers were discovered in a mass grave near the town of Fromelles in Northern France. For Australians this was a reminder of the terrible losses suffered by Australia. WW1 was a turning point in Australia's history and learning about it can help us understand much about our country.

Geography: Geography is the study of people and their connections with places. The way we interact with places is dynamic: we change places and places change us. This knowledge empowers students to shape change for a socially just and sustainable future; it enables students to question why the world is the way it is.

Course Structure:

This course covers study on the following topics:

- **History:** Australia's involvement in WW1
- **Geography:** Biomes and food security

Assessment:

Task 1: History: prepared written report / short response exam

Task 2: Geography: written: exam: combination of short responses and one extended response

Mathematics

Subject Code	MAT
Core/Elective	Core
Time Allocation	3 x 70 minute lessons per week

Rationale:

Learning mathematics creates opportunities for and enriches the lives of all Australians. It provides students with essential mathematical skills and knowledge in *number and algebra*, *measurement and geometry*, and *statistics and probability*. It develops the numeracy capabilities that all students need in their personal, work and civic lives, and provides the fundamentals on which mathematical specialties and professional applications of mathematics are built.

Mathematics has its own value and beauty and aims to instil in students an appreciation of the elegance and power of mathematical reasoning. Mathematical ideas have evolved across all cultures over thousands of years, and are constantly developing. Digital technologies are facilitating this expansion of ideas and providing access to new tools for continuing mathematical exploration and invention. The curriculum focuses on developing increasingly sophisticated and refined mathematical understanding, fluency, reasoning, and problem-solving skills. These proficiencies enable students to respond to familiar and unfamiliar situations by employing mathematical strategies to make informed decisions and solve problems efficiently.

Course Structure:

This course covers study on the following topics:

- Real numbers
- Money and financial maths
- Patterns and algebra
- Linear and non-linear relationships
- Using units of measurement
- Geometric reasoning
- Pythagoras and Trigonometry
- Chance
- Data representation and interpretation

Assessment:

Year 9 Mathematics students are assessed in two main ways:

- Written exams (in class time)
- Problem solving and modelling task (some class time provided)

Science

Subject Code	SCI
Core/Elective	Core
Time Allocation	3 x 70 minute lessons per week

Rationale:

Science provides an empirical way of answering interesting and important questions about the world around us. The knowledge it provides has proved to be a reliable basis for action in our personal, social and economic lives. Science is a dynamic, collaborative and creative human endeavour arising from our desire to make sense of our world through exploring the unknown, investigating universal mysteries, making predictions and solving problems.

Science aims to understand a large number of observations in terms of a much smaller number of broad principles. Science knowledge is contestable and is revised, refined and extended as new evidence arises.

Science provides opportunities for students to develop an understanding of important science concepts and processes, the practices used to develop scientific knowledge, of science's contribution to our culture and society, and its applications in our lives. The curriculum supports students to develop the scientific knowledge, understandings and skills to make informed decisions about local, national and global issues and to participate, if they so wish, in science-related careers.

Course Structure:

This course covers study on the following topics:

- Biological sciences
- Chemical sciences
- Earth and space sciences
- Physical sciences
- Nature and development of sciences
- Use and influence of science

Assessment:

Year 9 Science students are assessed in two main ways:

- Written exams (in class time)
- Assignment (some class time provided)

Food and Fibre Production

Subject Code	TFF
Core/Elective	Elective
Time Allocation	3 x 70 minute lessons per week

Rationale:

Food and Fibre Production provides opportunities for students to develop an understanding of important concepts, processes, and practices that are used to develop informed individuals that recognise how agriculture contributes to our culture and society.

Students will develop scientific knowledge, understandings and skills to make informed decisions focusing on particular industries from the paddock to the plate. Students will develop practical skills which will allow them to experience the joy of scientific discovery and nurture their natural curiosity about the world around them.

Course Structure:

This course covers study on the following topics:

- Pasture production
- Livestock management
- Market Gardening

Assessment:

Year 9 Food and Fibre Production students are assessed in two main ways:

- Practical skill assessment
- Examinations

Additional Cost:

Nil

Food Specialisations

Subject Code	TFD
Core/Elective	Elective
Time Allocation	3 x 70 minute lessons per week

Rationale:

Food specialisations includes the application of nutrition principles and knowledge about the characteristics and properties of food to food selection and preparation; and contemporary technology-related food issues. There are increasing community concerns about food issues, including the nutritional quality of food and the environmental impact of food manufacturing processes.

Students need to understand the importance of a variety of foods, sound nutrition principles and food preparation skills when making food decisions to help better prepare them for their future lives. Students will progressively develop knowledge and understanding about the nature of food and food safety, and how to make informed and appropriate food preparation choices when experimenting with and preparing food in a sustainable manner.

Course Structure:

This course covers study on the following topics:

- Unit 1: Muffin Man – In this unit, students will be researching, designing and constructing a healthy muffin that could be sold at a local café as a new edition to their menu
- Unit 2: Making a Smart Food Choice – In this unit, students will be provided with the opportunity to design and construct a healthy lunch option that can be sold by the students at any of our school events throughout the schooling year.

Assessment:

Year 9 Food Specialisation students are assessed in two main ways:

- Investigating
- Performance and practical application

Additional Cost:

\$40 for consumables

Economics and Business

Subject Code	ECB
Core/Elective	Elective
Time Allocation	3 x 70 minute lessons per week

Rationale:

Economics and Business provides students with knowledge and understanding of essential business principles and strategies. Students will gain an awareness of how businesses operate and contribute to the economy and society.

Students will engage in creative thinking as they plan and develop product ideas for their Shark Tank Pitch. Through the year the students run business ventures at the School Business Shop, where they develop practical skills which are transferable into the world of work and business.

Course Structure:

This course covers study on the following topics:

- World of work
- Financial responsibilities
- ebusiness
- Shark tank
- Consumer decisions

Assessment:

Year 9 Business Studies students are assessed in the main ways:

- Examinations
- Assignments
- Folio of work
- Oral presentations

Additional Cost:

Nil

Drama

Subject Code	DRA
Core/Elective	Elective
Time Allocation	3 x 70 minute lessons per week

Rationale:

Drama is the expression and exploration of personal, cultural and social worlds through role and situation that engages, entertains and challenges. Students create meaning as drama makers, performers and audiences as they enjoy and analyse their own and others' stories and points of view.

Like all art forms, drama has the capacity to engage, inspire and enrich all students, excite the imagination and encourage students to reach their creative and expressive potential.

Drama enables students to imagine and participate in exploration of their worlds, individually and collaboratively. Students actively use body, gesture, movement, voice and language, taking on roles to explore and depict real and imagined worlds. They create, rehearse, perform and respond using the elements and conventions of drama and emerging and existing technologies available to them.

Course Structure:

This course covers study on the following topics:

- Improvisations
- Myths and Legends
- Script work – writing and acting
- Theatre for young people
- Movie making

Assessment:

Year 9 Drama students are assessed in three main ways:

- Performing
- Responding
- Making: Script writing, role plays, small performances

Additional Cost:

Nil

Design and Technologies

Subject Code	DAT
Core/Elective	Elective
Time Allocation	3 x 70 minute lessons per week

Rationale:

Design and Technologies actively engages students in creating quality designed solutions for identified needs and opportunities across a range of technologies contexts. Students manage projects independently and collaboratively from conception to realisation. They apply design and systems thinking and design processes to investigate ideas, generate and refine ideas, plan, produce and evaluate designed solutions. They develop a sense of pride, satisfaction and enjoyment from their ability to develop innovative designed products, services and environments.

Design and Technologies is focused on how forces can be used to create light, sound, heat, movement, control or support in systems. Knowledge of these principles and systems enables the design and production of sustainable, engineered solutions.

Students need to understand how sustainable engineered products, services and environments can be designed and produced as resources diminish. Students will progressively develop knowledge and understanding of how forces and the properties of materials affect the behaviour and performance of designed engineering solutions.

Course Structure:

This course covers study on the following topics:

- Business Graphics
- Built Environment
- Engineering Graphics

Assessment:

Year 9 Graphics students are assessed in 2 main ways:

- CAD Assignments
- CAD Examinations

Additional Cost:

Nil

Digital Technologies

Subject Code	DIG
Core/Elective	Elective
Time Allocation	3 x 70 minute lessons per week

Rationale:

In a world that is increasingly digitised and automated, it is critical to the wellbeing and sustainability of the economy, the environment and society, that the benefits of information systems are exploited ethically. This requires deep knowledge and understanding of digital systems (a component of an information system) and how to manage risks.

Ubiquitous digital systems such as mobile and desktop devices and networks are transforming learning, recreational activities, home life and work. Digital systems support new ways of collaborating and communicating, and require new skills such as computational and systems thinking. These technologies are an essential problem-solving toolset in our knowledge-based society.

Digital Technologies provides students with practical opportunities to use design thinking and to be innovative developers of digital solutions and knowledge. The subject helps students to become innovative creators of digital solutions, effective users of digital systems and critical consumers of information conveyed by digital systems.

Course Structure:

This course covers study on the following topics:

- Digital Systems
- Collecting, managing and analysing data
- Game development
- Augmented and Virtual Reality

Assessment:

Year 9 Digital Technology students are assessed in two main ways:

- Short answer examination
- Practical activities/portfolio

Additional Cost:

Nil

Materials and Technologies Specialisations

Subject Code	TMT
Core/Elective	Elective
Time Allocation	3 x 70 minute lessons per week

Rationale:

Materials and Technologies Specialisations actively engages students in creating quality designed solutions for identified needs and opportunities across a range of technologies contexts. Students manage projects independently and collaboratively from conception to realisation. They apply design and systems thinking and design processes to investigate ideas, generate and refine ideas, plan, produce and evaluate designed solutions. They develop a sense of pride, satisfaction and enjoyment from their ability to develop innovative designed products, services and environments.

Materials and Technologies Specialisations is focused on a broad range of traditional, contemporary and emerging materials and specialist areas that typically involve extensive use of technologies. We live in and depend on the human-made environment for communication, housing, employment, medicine, recreation and transport; however, we also face increasing concerns related to sustainability. Students need to develop the confidence to make ethical and sustainable decisions about solutions and the processes used to make them. They can do this by learning about and working with materials and production processes. Students will progressively develop knowledge and understanding of the characteristics and properties of a range of materials either discretely in the development of products or through producing designed solutions for a technologies specialisation.

Course Structure:

This course covers study on the following topics:

- Timber Technology
- Plastic Technology
- Metal Technology
- Art Metalwork

Assessment:

Year 9 Materials and Technologies Specialisations students are assessed in two main ways:

- Project completions
- OnGuard safety certificate completions

Additional Cost:

Nil

Japanese

Subject Code	JAP
Core/Elective	Elective
Time Allocation	3 x 70 minute lessons per week

Rationale:

Japanese is a skill that will help students to achieve global currency. This course will allow the students to develop on their skills from year 7 and 8 and prepare them for their senior schooling.

The course discusses cultural aspects as well as improving their communication skills both verbally and written.

Course Structure:

This course covers study on the following topics:

- My Friends and Family
- Famous
- Let's go Shopping
- Let's go Travelling

Assessment:

Year 9 Japanese students are assessed in four main ways:

- Reading exams
- Writing exams
- Speaking exams
- Listening exams

Additional Cost:

Nil

Music

Subject Code	MUS
Core/Elective	Elective
Time Allocation	3 x 70 minute lessons per week

Rationale:

Music is uniquely an aural art form. The essential nature of music is abstract. Music encompasses existing sounds that are selected and shaped, new sounds created by composers and performers, and the placement of sounds in time and space. Composers, performers and listeners perceive and define these sounds as music. Music exists distinctively in every culture and is a basic expression of human experience. Students' active participation in Music fosters understanding of other times, places, cultures and contexts. Through continuous and sequential music learning, students listen to, compose and perform with increasing depth and complexity.

Through performing, composing and listening with intent to music, students have access to knowledge, skills and understanding which can be gained in no other way. Learning in Music is aurally based and can be understood without any recourse to notation. Learning to read and write music in traditional and graphic forms enables students to access a wide range of music as independent learners.

Course Structure:

This course covers study on the following topics:

- Blues
- Music, Film and Media
- Contemporary Music
- Folk and Art Music from Different Cultures

Assessment:

Year 9 Music students are assessed in three main ways:

- Composition
- Performance
- Musicology

Additional Cost:

Nil

Visual Arts

Subject Code	ART
Core/Elective	Elective
Time Allocation	3 x 70 minute lessons per week

Rationale:

Visual Arts includes the fields of art, craft and design. Learning in and through these fields, students create visual representations that communicate, challenge and express their own and others' ideas as artist and audience. They develop perceptual and conceptual understanding, critical reasoning and practical skills through exploring and expanding their understanding of their world and other worlds.

They learn about the role of the artist, craftsperson and designer, their contribution to society, and the significance of the creative industries. Similarly with the other art forms, the visual arts has the capacity to engage, inspire and enrich the lives of students, encouraging them to reach their creative and intellectual potential by igniting informed, imaginative and innovative thinking.

Course Structure:

This course covers study on the following topics:

- Focus: Fantasy, Myths and Legends and Nature and Scope
- Media: 2D & 3D (include drawing, painting, printmaking and sculpture)
- Contexts: Personal and contemporary

Assessment:

Year 9 Visual Art students are assessed in two main ways:

- Folio of experimental work
- Written assignments

Additional Cost:

\$20 consumables

