

Science

ELECTIVE INFORMATION BOOKLET

have believe C.S.

YEAR 9 2024

Published August, 2023

The information contained in this document is accurate at the time of production but is subject to change.



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INTRODUCTION

Throughout Year 8, your child had opportunities to explore their interests in a range of subjects. We are pleased to announce that the elective program will continue into Year 9 in 2024. Our aim is to help students to continue to explore their God-given gifts and talents through a range of opportunities.

In Year 9, our Middle School program continues to provide students a learning journey through our Core *Program*, complemented by the students being able to select further subject areas of learning through the *Exploratory Elective Program*. Our intention is to help students to become successful and engaged learners by providing experiences to develop mastery, increased autonomy and purpose, and to give them opportunity to explore a variety of subject areas before making choices for their next phase of learning in Senior School.

ABOUT THIS BOOKLET

This booklet is intended to provide families and students with information about the Year 9 *Exploratory Elective Program.* It contains information about:

- electives for each subject in the program as they currently are
- important considerations when choosing electives
- special arrangements for languages, Sports Excellence and Volleyball Extension Program
- advice about choosing electives
- processes of subject nomination and elective selection.

Our teachers have created video presentations (vodcasts) about each elective subject. These are available at <u>Learning@Redlands</u>.

Please note that at times planned units of study may change from this publication due to variations in resources, facilities, staffing or other circumstances.



CORE PROGRAM & EXPLORATORY ELECTIVE PROGRAM

All 9 students will study the following subjects for the entire year. These subjects are part of the *Core Program*.

- Bible Studies
- English
- Mathematics
- Science
- Sport

Students will also engage in a program intended to assist them on their developmental journey of physical, psychological and emotional, social, and spiritual growth. It will complement Bible Studies and Sport.

In the *Exploratory Elective Program*, students will study three electives in each semester. These will be selected from the following subjects.

LEARNING AREA	SUBJECTS	CURRENT QCAA SENIOR GENERAL SUBJECTS
English (Core Program)	English	Year 10 English
		Year 11 & 12 English Essential English Literature
Mathematics (Core Program)	Mathematics	Year 10 Essential Mathematics General Mathematics Mathematical Methods
		Year 11 & 12 Essential Mathematics General Mathematics Mathematical Methods Specialist Mathematics
Science (Core Program)	Science	Year 10 - Natural Science Year 11 & 12 - Biology Year 11 & 12 - Marine Science
		Year 10 - Physical Science Year 11 & 12 - Chemistry Year 11 & 12 - Physics
Arts	Dance Drama Media Arts Music Visual Arts	Dance Drama Film, Television & New Media Music & Music Extension Visual Art



Health & PE	Physical Education	Physical Education
Humanities & Social Science	Business Geography History (Core Program) History (Extension Program)	Accounting Business Geography History Legal Studies
Languages	Spanish Japanese	Spanish Japanese
Technology & Design	Digital Technology Design Thinking Food Technology	Digital Solutions Design Hospitality
Specialist	Sports Excellence	ACCESS Academies

In Year 9 2024, each subject in the table above will be composed of two unique semester-long electives. With their family's support, students will choose which subject electives to take in each semester.

The *Elective Program* allows students to study a range of different subjects. Students may choose to engage with:

- a broad range of subjects by selecting different subject electives in each semester.
- a smaller range of subjects by selecting all electives for specific subject(s).

We recommend that in Year 9 students study at least one elective for subjects they wish to take in Year 10.

We believe that by providing students with choice in the *Elective Program*, they will have opportunities to participate in a diverse range of enriching, engaging and meaningful learning. We seek to allow our students to realise and pursue their academic passions.

For more information about selecting electives, please refer to the section 'Important Considerations when Choosing Electives' on page 28.

Please Note: The information provided regarding Senior Subject Pathways is accurate at the time of production, but is subject to change.



SPORTS EXCELLENCE PROGRAM

Redlands College Sports Excellence has been established to fast track the development of dedicated and talented student athletes and optimise their performance in their chosen sport. As an excellence program, students will explore holistically what it requires to be a high performing athlete and will have their physical limitations challenged and extended. The program is:

- a unique and challenging development opportunity, requiring commitment studied in place of Health & Physical Education
- available for up to fifteen committed student athletes in Year 8
- studied in place of Health and Physical Education classes

The program is not:

• a sport specific, skill focused training session.

Students aspiring to develop their technical abilities in a sport, or in any of the Tier 1 sports at Redlands College, are advised to engage in the extra-curricular training opportunities available to them. The focus of the sport excellence program is to develop student athletes physically and holistically so that they can prepare and perform optimally when participating in their chosen sport.

COURSEWORK

Students will engage in coursework covering:

- Performance psychology for sport
- Nutrition for peak athletic performance
- Fitness components and development
- Prehab, recovery and rehabilitation
- Athlete development and wellbeing
- Coaching and mentoring younger athletes
- Employment opportunities in sport

Students will be required to demonstrate their theoretical learnings and how they have applied these practically to enhance their athletic performance, by maintaining an individual learning journal. This journal will be revisited with their teacher, sport coaches, and external industry experts periodically to assess and identify future growth opportunities.

Baseline physical performance data will also be collected at the start of each semester and individualised goals developed in consultation with teachers and external industry experts. Improvements against this baseline data will be measured periodically, with demonstrated growth being a requirement for continuation in the program.

To ensure sustained athletic improvement, students will participate in three timetabled lessons weekly and will be expected to attend two before or after school training sessions each week.



APPLICATIONS

Applications for Semester 1 will open in Term 4 of each year and for Semester 2 2024 in Term 2. Interested students can obtain an application form by emailing <u>sports@redlands.qld.edu.au</u>. A student's suitability for the program will be assessed and successful students notified of acceptance in to the program by Director of Sport and Activities, Mr Mark Grainger.

Students who have represented Metropolitan East in school sport or the equivalent in club sport will receive precedence for the program, followed by students who have demonstrated a commitment to a Tier 1 sport at Redlands College. Remaining spaces in the program will be made available to aspiring athletes based on a demonstrated commitment to their physical development and a chosen sport.

CHRISTIAN FORMATION

As a Christian school, we value opportunities to help our students explore the Bible and develop their faith. Students have a range for formal opportunities in Bible Studies, Pastoral Care class and Chapels. They will also have access to a range of informal activities including student prayer times, lunchtime Bible Studies, and special programs.



EXPLORATORY ELECTIVES OVERVIEW

THE ARTS

Dance

Through Dance, students represent, question and celebrate human experience, using the body as the instrument and movement as the medium for personal, social, emotional, spiritual and physical communication. Dance has the capacity to engage, inspire and enrich all students, exciting the imagination and encouraging students to reach their creative and expressive potential.

They will use the elements of Dance to explore choreography and performance and to practice choreographic, technical and expressive skills. They will respond to their own and others' dances using physical and verbal communication.

SEMESTER ONE

Elective Title: Dance around the World

Elective Code: 09DAN1

Brief Overview: Students will consider how dance reflects the socio-cultural and historical contexts of its origins. They will study ritual dance, in particular, Aboriginal and Indian dance. They will develop an understanding of how a unique style can be formed by infusing attributes of a particular culture with contemporary dance, as has been done by Bangarra Dance Company or popular dance as is seen in Bollywood dance. Students will explore how to make their own story by creating their own unique dance movements. Analysis of their own and others' works will be explored and assessed.

SEMESTER TWO

Elective Title: The Story of Dance: Contemporary Dance

Elective Code: 09DAN2

Brief Overview: Students will learn about Ballet and Contemporary dance and the rich history and evolution of these dance styles. They will then look at how these dance styles can be used to creatively communicate themes, ideas and stories. Students will perform in the Contemporary genre and create a small group dance, communicating an idea in the Contemporary genre. Analysis of their own and others' works will be explored and assessed.



THE ARTS

Drama

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 and others' stories and points of view. Like all art forms, drama has the capacity to engage, inspire and enrich all students, excite their imaginations, and encourage them 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. They learn to think, move, speak and act with confidence. Students will demonstrate their learning through live performances and written comprehension of their actor's process of character development.

SEMESTER ONE

Elective Title: Art of Comedy and Acting for Screen

Elective Code: 09DRA1

Brief Overview: Students will explore two units of study: 'The Art of Comedy,' and 'Acting for Screen.' These units are designed to enhance the student's dramatic practice using tactile methods, whilst providing a deeper scope of what is to come during the senior years. There is a strong balance between practical devising, performing and analytical work as both stage and screen methods are explored. Within the comedy unit, students will be required to perform a self-devised or scripted comedy piece for a live audience. The screen unit will require them to write an analytical essay about a Hollywood film, and attend a mock screen audition as held by a teacher-in-role casting director.

SEMESTER TWO

Elective Title: Physical Theatre and Children's Theatre

Elective Code: 09DRA2

Brief Overview: Students will explore two units: 'Physical Theatre,' and 'Children's Theatre.' The 'Physical Theatre' unit will challenge the students to construct a piece of non-realistic theatre in response to a Bible story or Greek Myth. As the focus of this performance is primarily physical, actors will need to be creative in their interpretation and presentation of the stimuli. In the 'Children's Theatre' unit, students will engage with a class of Junior School students to determine their interests and struggles and will require them to construct a whole class performance in response to class interests.





Media Ants

Media Arts is a visual learning subject, that focuses on design and construction of video and audio as modes of communication. Students learn to use a range of technologies, techniques and conventions of design then create productions in a variety of styles. They also learn to explore and analyse media types.

Learning in Media Arts involves collaborative and individual work. After developing the relevant conceptual and technical skills, students design, film, edit and finalise productions. They use a range of technologies including cameras, microphones, lights, computers and chroma key. They gain experience in using a range of software, including Adobe Premiere, Adobe Animate, Adobe Audition, Adobe Photoshop, Stop Motion Studio and Flipaclip. Students submit videos as evidence of their learning and creativity. Students will also analyse their own and other people's productions to improve their understanding of how media is used to communicate.

SEMESTER ONE

Elective Title:Television Advertising, Virtual Set Design & amp; Positive MediaElective Code:09MED1Brief Overview:In Term One students will study effective television advertising techniques,
looking at value composition. They will be given a client brief for a television
commercial they are to create. The project involves creating a storyboard,

pitching their plan to the client and making their commercial. Students analyse their work and the effectiveness of their commercial.

Term Two is focused on positive informative media and interview techniques. Students create a virtual television set, compositing themselves into the environment. They also produce an interview for their show. Students have the opportunity to use a teleprompter, lighting and sound techniques to create a quality production.

SEMESTER TWO

Elective Title: Animation Production Elective Code: 09MED2

Brief Overview: Students will study animation and learn how technology and art combine to bring images to life. Students experiment with different methods of animation, including cut-out animation, 2D animation and claymation, as well as different software such as Adobe Animate, Stop Motion Studio and Flipaclip. Students will design and produce an animation that utilises the Principle of Animation to tell a story. They will also study audio, including diegetic and non-diegetic sound. Students then add this to their animation to help improve their storytelling. Throughout the process students will be planning and analysing their work for each segment of animation they create.



THE ARTS

Music

Music involves students making and responding to music independently, with their classmates, teachers and communities. Music is unique as it can build self-confidence, promotes self-expression and students learn to communicate and collaborate through music and performance. Playing music develops self-discipline and diligence, traits that lead to effective study and work habits.

Students will explore music as an art form through musicological analysis, composing and performing. Students build on their aural skills by identifying and manipulating rhythm, pitch, dynamics and expressive devices, structure, timbre and texture in their listening, composing and performing. As they study Music, students draw on music from a range of cultures, times and locations. Students will respond to music and explore the ways in which music is used to communicate to an audience. Evidence of learning is collected through their performances, compositions and their application of music theory knowledge and analysis.

SEMESTER ONE

Elective Title:	Music and the Brain
Elective Code:	09MUS1
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Brief Overview: Music is a developmental tool that can assist students in all aspects of their learning and personal growth. Music can enhance brain function, improve language skills, has a mathematical foundation and equips students with the capacity of enhanced memory, attention and concentration. When learning to play a musical instrument, the process facilitates increased coordination, demands discipline and gives students a strong sense of achievement. In addition to all of these holistic benefits, Music provides an opportunity for teamwork and improves social and emotional skills, developing their sense of empathy with others.

This unit of work will expose students to a broad range of musical experiences that incorporate cultural sensitivities, a diverse genre approach and provide the building blocks for life-long music learning and appreciation. Assessment for this unit will include performance, composition and musicological analysis in an integrated approach.

SEMESTER TWO

Elective Title:	Music Landmarks
Elective Code:	09MUS2

Brief Overview: The history of western art music contains landmark musical works that still resonate with us today. From Bach's foundations of equal temperament to Mozart's prodigy output, Beethoven's iconic four-note motif and Tchaikovsky's invention of the modern-day orchestra, this unit of work will engage with a broad spectrum of landmark musical compositions that have shaped society through this artform.

Students will be encouraged to engage with music traditions through performance, composition and musicological analysis. Assessment will take an integrated approach and encourage students to develop their own musical language.





Visual Art,

As children of God, we are created in God's image and as such have been blessed with the ability to create and to appreciate the aesthetics of design. This course is intended to get students thinking like an artist. Taking art as an elective in Year 9 will allow students to explore the many facets of creative expression whilst building and developing their practical art skills.

Art is a very practical, hands-on and experiential learning process. Students will be constantly engaged in making art. They will be encouraged to experiment and play with new art materials and approaches in a purposeful way, whilst reflecting on broad concepts and ideas. Students will be encouraged to respond to the artwork of others through oral discussion, critical evaluation and making. Students will learn the terminology and contextual references to help them talk about art.

At this level, the course is very well scaffolded to provide focus and direction, whilst leaving room for the development of a personal response and aesthetic. Evidence of learning is gathered in areas of mastery of technical skill, evaluation of processes and intentions as well as the student's ability to reflect on and talk about their artistic choices and intentions. Students will also focus on discussing the intentions and processes of other artists.

SEMESTER ONE

Elective Title:	A Sense of Place
Elective Code:	09ART1

Brief Overview: In this elective, students will examine their responses to the places and spaces to which they are connected. Things in nature are tangible references that we use all the time. From the moment we have memories as small children, we have been in nature and have used it to learn. From drawing lollipop-looking flowers underneath a cotton ball clouded sky or making a thunderstorm, clapping our hands various ways in class, nature has been a part of our foundational education simply because it is one of the most palpable things we have. Just walk outside and there it is. Throughout history, nature has had a leading role as a source of inspiration for visual artists.

Everything we use in our lives has been designed, both in a functional way and in an aesthetic way. In this unit you will use the natural world to inspire your design of everyday functional objects made out of clay. As an artist you will examine your responses to the places and spaces to which you are connected. Nature is a relative constant in our ever-changing lives. You will explore both natural elements and materials as you make three-dimensional works which communicate a personal response to place and the natural environment. In your design folio you will learn to include observation drawings from nature, design drawings which show the simplification process to capture the essence of the natural object, as well as the design ideas and iterations which lead to the making of a ceramic form or forms. Each object you make will document the design process from inspiration/starting point to finished, decorated ceramic.

Students will be encouraged to respond to the artwork of others through oral discussion, critical evaluation and interpretation. Students will learn the terminology and contextual references to help them talk and write about art.



SEMESTER TWO

Elective Title: Elective Code: Brief Overview: What's Your Story? 09ART2

Everybody has a story, and in this unit, students are invited to visually investigate and interpret the concept of 'belonging'. Through this unit they will learn more about what makes them feel like they belong, and the importance of this in their own lives. Through exploratory printmaking techniques students will get a chance to visually tell their story. Students will look at the rich oral and visual stories of a variety of cultures including Aboriginal and Torres Strait Islanders and the importance of a cultural and social narrative: they will then apply this understanding to their own work. In this unit students will be encouraged to think more conceptually and to represent things less figuratively using symbols, metaphors and the expressive qualities of visual language.

As artists they will explore the contemporary form of the artist's book as well as the medium of printmaking and then experiment with several different printmaking methods such as: mono-printing, transfer printing, collagraph, lino printing, silkscreen and etching. They will use these processes to create multiple works indicative of the connections they have in their lives.

Students will be encouraged to respond to the artwork of others through oral discussion, critical evaluation, and interpretation. Students will learn the terminology and contextual references to help them talk about art and they will be introduced to the foundations of formal writing about art.



HEALTH & PHYSICAL EDUCATION

Health & Physical Education

Health & Physical Education is of interest to students who are physically active, like to be challenged across different physical activities, understand how and why the body moves, want to improve their fitness and physical performance and enjoy solving problems individually and in team environments.

Health & Physical Education provides a foundation for students who wish to pursue further study in human movement related fields such as sport development, sports management, sports analysis, sport journalism, physiotherapy, sport psychology and coaching, athlete conditioning and management, personal training, and teaching.

Evidence of learning is collected through a range of assessment items including multi-modal videos, research reports, essays and participation in physical activity (individual and/or team sport).

SEMESTER ONE

Elective Title:	Equity & Ethics in Sport and Physical Activity Integrated with Various Physical
	Activities

Elective Code: 09HPE1

Brief Overview: Students will learn about equity issues and ethical dilemmas which effect participation in sport and physical activity. Students will participate in a variety of physical activities in order to deepen their knowledge of the theory concepts, while also developing their ability to perform the movement concepts and strategies required for optimal performance. These activities may include but are not limited to Sports Aerobics, Flag Football and Water Polo.

SEMESTER TWO

Elective Title: Skill Acquisition and Tactical Awareness Integrated with Various Physical Activities

Elective Code: 09HPE2

Brief Overview: Students will learn about motor learning with specific regards to skill acquisition and the tactical development process. Students will participate in a variety of physical activities in order to deepen their knowledge of the theory concepts, while also developing their ability to perform the movement concepts and strategies required for optimal performance. These activities may include but are not limited to Badminton, Volleyball and Tennis.



HUMANITIES & SOCIAL SCIENCES

Business

The study of economics and business develops the knowledge, understanding and skills that will equip students to secure their financial futures and to participate in and contribute to the wellbeing and sustainability of the economy, the environment and society. Through studying economics and business, students learn to make informed decisions and to appreciate the effects of economic decisions on consumers and producers, and on environmental and social systems.

The subject has many practical applications and provides students with opportunities to develop enterprising behaviours and capabilities that will equip them to face challenges in their lifetime. Through authentic learning opportunities, the economics and business curriculum foster adaptive thinking to seek opportunities for product innovation, project management and communicating ideas.

Students will demonstrate evidence of their learning and progress through the individual units in an assignment or examination on each unit of study (one assessment per Term).

SEMESTER ONE

Elective Title: Elective Code:	Australia in the Global Economy, Business Ideas and Marketing 09BUS1
Brief Overview:	Australia in the Global Economy This unit will focus on Australia as an economy and its place within the broader Asia and global economy. The interdependence of participants in the global economy is considered, and the different options required to meet the needs and wants of the global consumer. Learned skills include using Excel to organise data, researching and report writing. The assessment will be a report on global trade patterns with a focus on a selection of consumer goods that are used by consumers in Australia.
	Business Ideas and Marketing In the Business Ideas and Marketing unit, students will work in teams to manage a project where they design and develop a business idea, and prepare a marketing plan. They will be guided to consider ideas that will make the world a better place, and encouraged to team up with like-minded peers who

for their idea, including an investor pitch.

have similar interests. The assessment will be a Business and Marketing plan



SEMESTER TWO

Elective Title:	Financial Literacy: Managing Financial Risk and Reward, Work and Work Futures
Elective Code:	09BUS2
Brief Overview:	Financial Literacy: Managing financial risk and reward Students will develop and build on their knowledge about the Australian Economy and the relationships between consumers and producers in economic systems. They will learn and apply practical skills in financial literacy with basic financial management. Students will be introduced to taxation, shares, using money wisely and consideration of their financial futures. Work and work futures In this unit, students will explore the factors that influence the work

environment now, and as employment and work environments transition into the future. They will investigate the rights and responsibilities of participants in the work environment, aspects of employment, future-proofing your work skills, and the organisational structure of the workplace. Knowledge and Skills will be assessed with an investigation of the future of work.



HUMANITIES & SOCIAL SCIENCES

Geography

Studying Geography helps us to appreciate the diversity of God's creation – in particular, the earth's environments and people – and to understand changes that are occurring on our earth. Understanding, for example, what causes tsunamis to form or the impacts of climate change are not only fascinating, but important so that we can make wise decisions to improve places and care for people and environments into the future. Exploring our world and understanding its social, economic and environmental dimensions is critical in our increasingly connected world.

The topics that are studied in Year 8 and Year 9 Geography are current and provide opportunities for students to extend their classroom knowledge and undertake positive, hands-on action. For example, Geography students are often inspired to: start growing their own vegetables after learning about global food production; submit their video campaign to the local government about what should be done to prevent the extinction of koalas; or, create awareness of and pray for people living in poverty.

Geography is taught in a structured way with an inquiry approach. Students learn skills to: research effectively; analyse and interpret information and data; evaluate alternatives and justify opinions; and, communicate clearly in a variety of formats. Field work is especially important in Geography because it enables students to explore issues first hand.

SEMESTER ONE

 Elective Code: 09GE01 Brief Overview: Students will firstly examine the great diversity of planet earth and gain an understanding of the spatial patterns of the earth's major biomes. Case studies of how different cultural groups have adapted to environments such as tundra, deserts and rainforests will highlight how humans are dependent on the natural environment. Students will form opinions about how change to particular environments should be managed. One of the main ways in which people depend on the environment is to obtain food and fibre. Sadly, however, it is estimated that close to one billion of the world's seven billion people are chronically undernourished. This situation exists despite enough food currently being grown to support ten billion people (FAO, 2015). Will the provision of food in both developed and developing countries be even more challenging in the future? Students will investigate the capacity of the world's environment to sustainably feed the projected future population. The role of the biotic environment in food and fibre production will be analysed via a field excursion to study permaculture, a sustainable form of farming. 	Elective Title:	lt's a wide, wide wonderful world, but why are some people hungry? – Biomes and Food Security
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SEMESTER TWO

Elective Title:Geographies of Interconnections: Endangered Species and Natural DisastersElective Code:09GE02

Brief Overview: This elective involves two studies of how people are connected to places throughout the world in a variety of ways. The fist topic is 'Endangered Species' and students will investigate the global situation for species and biodiversity. It is interesting to analyse, for example, if the products we buy in Australia could be causing orangutans to face extinction in Indonesia. Students will then focus on how to protect a threatened species in our local area – the koala. To learn about issues and some innovative strategies to save koalas, students will go on a field excursion.

The second topic in this elective is 'Natural Disasters'. Students will account for the increase in the number of natural disasters in recent decades. Natural hazards do not discriminate between developing and developed countries, and most regions of the world are exposed to particular natural hazards. Specific case studies of natural hazards will allow students to develop in-depth understandings of geographical processes and patterns and will be able to suggest ways in which the impact of natural disasters could be reduced.



HUMANITIES & SOCIAL SCIENCES

History

"History is a disciplined process of inquiry into the past that develops students' curiosity and imagination. Awareness of history is an essential characteristic of any society, and historical knowledge is fundamental to understanding ourselves and others." (<u>ACARA</u>, 2015)

The **Year 9 curriculum** provides a study of the making of the modern world from 1750 onwards. Students investigate the following key inquiry questions:

- What were the changing features of the movements of people from 1750 to 1918?
- How did new ideas and technological developments contribute to change in this period?
- What was the origin, development, significance and long-term impact of imperialism in this period?
- What was the significance of World War I and World War II and the nature of Australia's involvement in these two wars?
- How have rights and freedoms been ignored, demanded or achieved in Australia and in the broader world context?

In Year 9, students who select the one-semester Core course will complete Units 1-2. Students who select History Extension over two semesters will complete Units 1-4. Topics selected for study may depend on teacher expertise and student preferences.

Students have opportunities to develop historical understanding of the past, present and future through key concepts, including: evidence, continuity and change, cause and effect, perspectives, empathy, significance and contestability. They develop historical skills: devising inquiry questions, locating a range of sources as evidence, analysing perspectives in sources, evaluating the usefulness and reliability of sources, and communicating their findings through a range of texts and communication forms.



HISTORY CORE AND EXTENSION

Elective Title: Class Code: Brief Overview:	The Industrial Revolution and the movement of peoples (1750-1900) 09HIS (Core & Extension) Topics could include: The Industrial Revolution (1750-1914); Progressive ideas and movements (1750-1918); Movement of peoples (1750-1901)
	Students will examine the social, economic, political, technological and environmental causes and effects of the Industrial Revolution on Europe in the late 18 th and early 19 th century. Through this, students will investigate different perspectives, the changing ways of life and the changing population movements. The ideas that emerged through society in this period of history will also be studied, including nationalism, capitalism, imperialism, socialism, egalitarianism and Chartism.
Elective Title: Class Code: Brief Overview:	Making and transforming the Australian nation (1750-1914) 09HIS (Core & Extension) Students investigate the causes and effects of European imperial expansion and the movement of peoples in the late 18 th and early 19th centuries, and the different responses to colonisation and migration. The focus of this elective is the key social, cultural, economic and political changes and their significance in the development of Australian society during this period. The impact of European contact on the First Nations Peoples of Australia will also be considered.

HISTORY EXTENSION

Elective Title: Class Code: Brief Overview:	World War I 09HIS (Extension) Students investigate the causes of the Frist World War and the reasons why Australians enlisted to fight. There will be a focus on the places of significance where Australians fought, their perspectives and experiences, including the Gallipoli campaign, the Western Front and the Middle East. The turning points of the war will be highlighted, including the Anzac legend, the Western Front Battle of the Somme and the Armistice.
Elective Title: Class Code: Brief Overview:	Asia and the World (1750-1914) 09HIS (Extension) This unit of study will focus on the key social, cultural, economic and political features of an Asian society during the 18 th and early 19 th Century. The causes and effects of European contact will be considered, including colonialisation, on an Asian society. Under the lens of 'continuity and change', students will examine Asian life and living conditions, political and legal institutions, and cultural expression around the turn of the 20 th century. Different perspectives will be presented and their impact, including events, ideas, beliefs and values.The continuing nature of efforts to secure civil rights and freedoms in Australia and throughout the world.



LANGUAGES

Tapanese

"The limits of my language mean the limits of my world." It is interesting to reflect on philosopher, Wittgenstein's words. We know that the ability to communicate in our homes, friendship groups and at work directly affects how well we function in these settings, as well as our enjoyment of them. Indeed, the Bible shows the horror of the loss of communication at the tower of Babel and the consequent disunity and scattering of the people. It also shows the joy of God's radical plans to restore unity of "every tribe and tongue" through Christ, leaving us with the bold mandate to "go into all the world" to share His good news.

When we are born into a particular culture and language, these mould our way of thinking and influence how we view the world. Learning another language opens up new opportunities and gives perspectives that might not have otherwise been encountered. Personal, professional, social and economic considerations all point to the advantages of foreign language learning. In an increasingly global world, an ability to relate to our neighbours is a fundamental skill.

Japanese study at Redlands College will give an insight into the language and culture of one of our Asian neighbours. Students will learn to understand, speak, read and write Japanese while being exposed to the rich and diverse culture and traditions of Japan. Japanese is a test-based subject. Students will be assessed on their comprehension skills (listening and reading) and productive skills (speaking and writing). One comprehension and one productive skill are assessed each term.

SEMESTER ONE

Elective Title:	There's No Place Like Home
Elective Code:	09JAP1
Brief Overview:	This elective begins with a focus on the family and its members, the activities they are currently involved in (e.g., studying or working), things they enjoy or dislike, their different abilities, and places they might go. Students will also learn to use adjectives to describe people and places and will learn to discuss people's fashion-sense in terms of colours and the clothing they wear.

Please understand that Japanese study in Year 9 requires a working knowledge of the Hiragana and Katakana alphabets, spelling rules and sentence structures covered in the Year 8 course.

SEMESTER TWO

Elective Title: Elective Code: Brief Overview: Seasons Come, Seasons Go

09JAP2

This elective involves discussing where things are currently located around the home before moving into learning to use the past tense to describe activities that have happened and what they were like, as well as future hopes such as things we want to do or would not like to do. Students will learn to describe the weather and the temperature. Students will also learn some Japanese counters, such as those for rooms, animals and dates.

Please understand that Semester Two of Year 9 Japanese requires a working knowledge of the Hiragana and Katakana alphabets, spelling rules and sentence structures covered in the Year 8 course, as well as the sentence structures and Kanji covered in Semester One of Year 9.



LANGUAGES

Spanish

Learning a second language, such as Spanish, is important for many reasons. It develops positive attitudes to people of other cultures and fosters the notion of a multicultural world, characteristics which help to develop Christian values through acceptance and assisting those who may need it in their own language. Learning a language also extends students' awareness and understanding of the nature of language and assists with improving their literacy skills and use of English. These are all skills that are transferable to other contexts, desirable to acquire and useful to hold. Many Australian universities understand this and, to encourage their future students to study a foreign language, they award those who are successful with bonus ATAR points, which may improve their chances of being accepted into a competitive course at university. Additionally, in a multicultural world of global travel and business, the ability to speak a second language can enhance a student's postschool options in the workforce.

Students of Spanish at Redlands College acquire the necessary vocabulary and language structures in order to master an authentic, real-life task such as creating and giving a presentation, conducting an interview, filming a role-play scene or developing an itinerary. Electives studied are project-based and utilise digital technologies to discover a Spanish-speaking country in a virtual world. Evidence of learning is demonstrated in communication and understanding over the four macro-skills of speaking, listening, reading and writing.

SEMESTER ONE

Elective Title:	In Sickness and In Health
Elective Code:	09SPA1
Brief Overview:	Following a review of Year 8 material, students will analyse how healthy or unhealthy the food they eat is. They will be able to describe their everyday routine, identifying healthy and unhealthy habits. They will give each other advice on how to lead a healthier lifestyle, including minding the food they eat and the way it is cooked. They will also role-play a visit to the doctor's they or a friend may need to have in a Spanish-speaking country, explaining what is wrong and understanding the doctor's instructions.

SEMESTER TWO

Elective Title:	Past and Present		
Elective Code:	09SPA2		
Brief Overview:	Students will learn about the life story of important personalities in the Spanish-speaking world. They will then able to use the language to tell their own life story in the past, and develop this further into the description of their plans. Students will compare what they used to do when they were younger and what they do now, reflecting on how much they have grown, and relate to the changes in the world as well. They will discuss their life experiences and what they would like to achieve.		



TECHNOLOGY & DESIGN

Digital Technology

Digital Technology is a practical, project-based subject focussed on interactive web applications to teach students how to problem solve using computational, design and system thinking strategies. Students take a problem-based learning approach to design, develop and evaluate a digital solution for a client.

The course is designed to provide students with a thorough understanding of the technical aspects of developing websites, web applications and games, using HTML, CSS and Javascript. Additionally, students will learn about planning, design, usability, User Experience (UX) and project management to give them a well-rounded coding skillset.

The Digital Technology units are designed as sequential modules and have been created so that students in the same class can be completing different units of work. This allows students to select Digital Technology in any semester regardless of previous experience. Students are also encouraged to accelerate their learning and can progress on to higher units if they complete their activities and assessment tasks ahead of schedule.

UNIT ONE

Elective Title:	Introduction to Web Development
Brief Overview:	This elective will focus on digital and visual representation of information
	through the use of images and the web. Students will gain a thorough
	understanding of core HTML and CSS as they build real-world websites. They

will also learn to critically evaluate their own work.

UNIT TWO

 Elective Title:
 Web Design & Usability

 Brief Overview:
 This elective will continue the work started in the previous unit. The focus remains on digital and visual representation of data through the use of images and the web. Additionally, students will learn Javascript in order to add internet initiate estimates of the previous of the previous of the previous unit.

interactivity to websites. Students will learn computational and problemsolving thinking strategies. Students will be given challenges to reinforce and build their interactive web development skills.



UNIT THREE

Elective Title:Game DevelopmentBrief Overview:This elective will continue the HTML, CSS and Javascript started in Year 8. The
focus of this unit will be interactive game development where students will
learn the basics of creating games for mobile and web browsers using Phaser
(a Javascript Game Framework). Students will have the opportunity to re-
create some classic retro games and even make a brand-new game of their
own.

UNIT FOUR

Elective Title:Data Driven Web DevelopmentBrief Overview:Students will learn how to super-charge their web development skills by
creating replicas of well-known websites. In completing these websites,
students will learn advanced web development tricks and skills of professional
web developers.



TECHNOLOGY & DESIGN

Design Thinking

Design Thinking is a subject where students develop their entrepreneurial creativity and problemsolving skills to design for the real-world. They learn to use the Design Thinking process that designers use across various industries in a range of professions including business strategy, engineering, architecture, software and games, to develop solutions that fulfil human needs and wants.

Students will engage with the design process, and respond to real-world problems presented in design briefs. The process utilises both divergent and convergent thinking strategies, beginning with research and ideation to generate possible design solutions, then further development, testing and evaluation of these ideas to devise a final design concept. They will also learn the importance of prototyping.

Students will develop skills in applying this design thinking process while using 3D modelling software, 3D printers and working with various materials.

SEMESTER ONE

Elective Title:Understanding Users & Purposeful DesignElective Code:09DST1Brief Overview:This elective focuses the students on the importance of putting users at the
centre of design. Students will explore human biases, how users make
decisions, interact with products and their environment, respond to different
stimuli and how to influence users through design. Students will apply this
knowledge to real-world design challenges related to human behaviour.

SEMESTER TWO

Elective Title:	Textiles & Surface Design		
Elective Code:	09DST2		
Brief Overview:	Students will apply the design process to real-world design challenges that explore the use of textiles in a range of environments and situations. Students will have the opportunity to develop hands-on skills and utilise a range of digital platforms to produce and evaluate design concepts. Students explore the important role of a designer in creating designed solutions that satisfy consumer needs whilst considering social, ethical and environmental factors in global textile production.		



TECHNOLOGY & DESIGN

Food Technology

The central focus of Food Technology is an understanding about food systems and skills that enable students to make informed decisions and carry out responsible actions.

These electives introduce students to basic skills and knowledge needed to gain independence and make informed food choices. Assessment in Food Technology involves students working on authentic, problem-solving situations.

The rationale underpinning courses of study in Food Technology are:

- Life skills
- Understanding of health and nutrition
- Sustainable food practices
- Terminology and skills related to food preparation
- Kitchen operations
- Importance of food safety and hygiene
- Menu planning and recipe modification
- Food provenance
- Sensory and functional characteristics of food

SEMESTER ONE

Elective Title: Elective Code: Brief Overview:	Healthy Choices 09FDT1 Students will learn the importance of food in relation to their health. The relationship between food preparation techniques and their impact on nutrient value will be examined and put into practice in the kitchen. Current food models and guidelines will be studied and skills developed to allow practical application of knowledge. A range of healthy and fun recipes will be developed which reinforces the Australian Dietary Guidelines. Popular take away items will be reinvented to enhance health benefits. Some lessons will require students to
	bring ingredients from home.

SEMESTER TWO

Elective Title:Other CulturesElective Code:09FDT2Brief Overview:Students will analyse the social and cultural factors that play a major role in the
foods that they eat. Other cultures will be studied and compared with Australia
whilst exploring a range of cultural and traditional recipes and food patterns.
Practical skills will also involve production of foods for special occasions and
gifts. Some lessons will require students to bring ingredients from home.



IMPORTANT CONSIDERATIONS WHEN CHOOSING ELECTIVES

Some subject electives may be run on more than one line (due to their popularity). When there are two classes for the same elective, the content, learning and assessment will be the same. Students are not permitted to select an elective more than once in a particular semester.

Prerequisites

There are generally no prerequisites for electives however, it is recommended that students who select Japanese or Spanish **should take both Semester One and Semester Two electives** to study these subjects in Year 10. Language learning is more effective when students have continuous exposure. Studying a full year of language will allow students to develop and improve language skills of reading, speaking, listening and writing.

Sports Excellence

Application to participate will occur through a separate process to choosing subjects in the *elective program*. Students interested in the Sports Excellence program should select three other electives in each semester of Years 8 and 9. If offered a place in the program, students will leave the elective on the line on which Sports Excellence is scheduled. (Scheduling of the programs are not yet finalised, as it is dependent on specific staffing requirements.)

Students admitted to the Sports Excellence program who have selected Health & Physical Education on another subject line will need to change from Health & Physical Education to another elective for that semester.

ADVICE FOR CHOOSING ELECTIVES

When making selections, students and families should choose electives in which the student **does well**. Often students will enjoy electives in which they succeed. It should be noted that, in some instances, students may require some exposure to a subject before they begin to enjoy it.

Poor reasons for not taking specific electives:

- one person says that an elective is hard or bad
- friends are not taking the subject
- students think that the subject is easy or difficult without checking
- students dislike the teacher
- an older brother or sister took or did not take the subject.

Changing Your Mind

Students may request to change to a different elective in the first two weeks of each semester, provided that:

- there is a place in the class for the desired elective
- they are not taking the same elective on another line
- the student is not already taking an elective in that line
- the change is approved by the Timetabler.

Bar exceptional circumstances, students will not be permitted to change electives after the first two weeks of each semester.



Remember: success is more likely when students select subjects they enjoy and then apply their best effort. subjects.

THE ELECTIVE CHOOSING PROCESS

The process for subject selection occurs in two stages: stage 1 – nomination of subject preferences and stage 2 – elective selection.

Stage 1 - Nomination of Subject Preferences

To enable us to determine lines (groupings) for 2024, we need a nomination of subject preferences. This will be complete online. We will use this information to construct the subject lines.

Subject nomination preferences will be completed via an online form.

Stage 2 – Elective Selection

When the lines have been constructed, each student will be asked to select electives for next year. This will be completed online.

Students will be asked once only for their elective choices. Availability may be determined on a 'first come, first served' basis for subjects with limited capacity. Therefore, students are encouraged to make their elective selections promptly.

Refer to the last page of this booklet for instructions.



RECORD OF ELECTIVES

Use this page to keep a record of the electives selected for next year. Please note: **this is not the official selection form**.

Semester	Line	Year 9
1	А	
	В	
	С	
2	А	
	В	
	С	



