THE FACT THAT A SUBJECT DESCRIPTOR APPEARS IN THIS BOOKLET DOES NOT NECESSARILY MEAN THAT THE SUBJECT WILL RUN NEXT YEAR. THE DECISION FOR THE SUBJECT TO RUN WILL ULTIMATELY BE DETERMINED BY THE STAFFING ALLOCATION AND CLASS SIZE AT THE BEGINNING OF THE YEAR.
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This Handbook outlines the curriculum pattern for Year 8 and 9.

Subject offerings in each faculty area are listed with descriptions of the anticipated learning areas, assessment information, special requirements of each course, and the possible pathways to future study and learning opportunities.

The Waikerie High School curriculum is based on the South Australian Curriculum Standards and Accountability (SACSA) Framework and the Australian Curriculum. All students will be provided with opportunities to fulfill their educational potential, to develop the skills necessary to be active participants in society and to foster the notion of life-long learners in a safe and caring environment.

Waikerie High School provides a setting for highly effective learning. As a result, students can expect to:

- Experience a flexible curriculum based on the needs of each student
- Take part in inquiry based work
- Make choices and take responsibility for their own learning within a supportive environment
- Demonstrate their progress and achievements in a multiple of ways
- Become highly skilled in the use of Information and Communication Technologies (ICT’s) in their learning
- Develop self-discipline to respect the rights of others to learn and uphold the school values
- Develop a positive sense of self
- Develop high order communication skills

Students and parents should use this handbook to help plan learning pathways and future directions. This planning will not be done in isolation but with the help of counsellors, subject teachers, homegroup teachers and faculty coordinators. Please make use of this support to help tailor study options to the needs of each individual student.

Sheralyn Oakey
Principal
Waikerie High School
YEAR 8 SUBJECT OFFERINGS

Students in Year 8 will study a full year of English, Health and Physical Education, Mathematics, Science, Humanities and Social Sciences, Technology (Woodwork, Metalwork, Information Technology and Electronics), and the Arts (Visual Arts, Music, Drama and Photography).

YEAR 9 SUBJECT OFFERINGS

Students will study seven subjects each semester (a total of 14 semester units). The following gives an overview of the compulsory and choice subjects.

COMPULSORY SUBJECTS

1. Mathematics – 2 semesters
2. English – 2 semesters
3. Science - 2 semesters
4. Humanities and Social Sciences – 2 semesters
5. Health and Physical Education – 1 semester

CHOICE SUBJECTS

Students are to select one subject from the Arts group of subjects, one from the Technology group and four other subjects from any list. (You will only need five choice subjects but we ask you to select six in case one of your choices will not fit the timetable.)

Refer to the subjects listed in this Handbook.

ARts
Visual Arts A
Visual Arts B
Drama
Music
Information Technology and Multimedia
Photography

TECHNOLOGY
Woodwork
Metalwork
Electronics
Home Economics
Information Technology and Multimedia (you may only choose this subject once).

OTHER SUBJECTS
Phys Ed Specialist
Agriculture A
Agriculture B
Language
## THE ARTS

- For further information please contact The Arts Co-ordinator

### Year 8
- Visual Arts (One Term)
- Photography (One Term)

### Year 9
- Visual Arts (Semester)
- Photography (Semester)

### Year 10
- Multi Arts (Semester 1)
- Multi Arts (Semester 2)

### Year 11
- Visual Arts 1
  - 10 credits
- Visual Arts 2
  - 10 credits
- Design
  - 10 credits
- Music A
  - 10 credits
- Music B
  - 10 credits

### Year 12
- Visual Arts – Arts (TAS)
  - 20 credits
- Visual Arts - Design (TAS)
  - 20 credits
- Music (TAS)
  - 20 credits
- Drama (TAS)
  - 20 credits
THE ARTS

VISUAL ARTS

YEAR LEVEL: 8                  LENGTH OF SUBJECT: Term

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: Students are introduced to the elements of Art, Sculpture and Design through a range of practical and theoretical components. The basic elements of Art are covered – line, shape, form, space, colour, tone, texture, balance, layout and composition. The practical component involves drawing, painting, printmaking, clay and graphic design. The theoretical component involves a range of written information on the areas covered.

ASSESSMENT: Assessment is through ongoing appraisal of class work theory, ideas and developmental work, which should be maintained in a sketchbook. Students need to maintain a notebook and drawing equipment of their own.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

VISUAL ARTS

YEAR LEVEL: 9                  LENGTH OF SUBJECT: Semester

PREFERRED BACKGROUND: Year 8 Art.

CONTENT: This subject further develops core elements of visual arts: line, shape, form, space, colour, tone, texture, balance, layout and construction. Students will continue developing their skills in the areas of drawing, painting, sculpture, printing, and design. An appropriate art history project and analysis of other artist's work will also be covered.

ASSESSMENT: Ongoing appraisal of class work; the generation of ideas, research, and the refining and development of the artwork will be formally assessed at the end of each project; presentation and reflection of final art projects; a test covering art history and analysis.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

DRAMA

YEAR LEVEL: 8                  LENGTH OF SUBJECT: Term

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: Students are introduced to Drama as a topic. The subject includes exercises in concentration, cooperation, problem-solving, trust, teamwork and playmaking with emphasis on the development of self-confidence and self-esteem. Practical skills are developed in the following areas: stage outline, body language, facial expressions, movement, blocking, focus, levels, status, voice, mime, characterisation, story-telling and narrative.

ASSESSMENT: Students are assessed regularly on concentration, creativity, audience skills and participation. Students are assessed on group skills, performance skills and written reflection.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.
DRAMA

YEAR LEVEL: 9  LENGTH OF SUBJECT: Semester

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: Practical skills are developed in the following areas: stage positions, elements of drama, improvisation, play building, monologues, researching, review writing, script analysis, script writing and roles within the theatre.

ASSESSMENT: Students are assessed regularly on concentration, creativity, audience skills and participation. Students are assessed on group skills, performance skills and written reflection.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

MUSIC

YEAR LEVEL: 8  LENGTH OF SUBJECT: Term

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: This unit exposes students to a broader musical experience. The focus is on musical learning through use of the voice and the development of basic instrumental skills. Students will also gain skills and understanding in the areas of performance, improvisation, composition, basic theory, genres of music and instrument families. Students have the optional opportunity and are encouraged to undertake tuition on a brass, percussion or woodwind instrument with teachers from the DECS Instrumental Music Service (IMS).

ASSESSMENT: Students will be assessed on their level of participation and co-operation in class, small group and individual activities, performances throughout the term, bookwork, theory tests and the completion of two short projects.

Special Requirements/COST of Course: Supply of instrument if unavailable from school (if undertaking instrumental lessons with IMS).

MUSIC

YEAR LEVEL: 9  LENGTH OF SUBJECT: Semester

PREFERRED BACKGROUND: At least one term of tuition on an instrument. Compulsory for instrumental music students.

CONTENT: Students are strongly encouraged to undertake/continue instrumental lessons to complement their classroom music. The practical part of this course develops students' ensemble and solo performance skills through the use of their voice, individual practice time, group work, improvisation and composition. Students will expand on their knowledge of music theory, study the development of Rock'n'Roll from the 1950's onwards, and begin to use music technology, such as the notation software Sibelius, to support their musical learning.

ASSESSMENT: Students will be assessed on their level of participation and co-operation in class, small group and individual activities, their use of individual practice time and their contribution to various ensembles. Two solo performances, theory tests, use of music technology and research project(s) comprise the remainder of the assessment. IMS students will also receive a report from their instrumental teacher.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Supply of instrument if unavailable from school.
PHOTOGRAPHY

YEAR LEVEL: 8
LENGTH OF SUBJECT: Term

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: Understanding basic camera operation, processing and printing and image manipulation.

ASSESSMENT: Practical work assessment, written work assessment and testing are amongst the range of assessment strategies used.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

PHOTOGRAPHY

YEAR LEVEL: 9
LENGTH OF SUBJECT: Semester

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: Students examine techniques used to create photographic images and the importance of visual communication in today’s society. Practical activities include using digital cameras, image formation, elements of good composition, creative image making, and image manipulation. Emphasis is given to presentation of ideas and communication through visual images.

ASSESSMENT: Practical work assessment, written work assessment and testing are amongst the range of assessment strategies used.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.
ENGLISH – For further information please contact the English Co-ordinator

Year 8
- English General (Full Year)

Year 9
- English General (Full Year)

Year 10
- English General (Full Year)

Year 11
- English A Semester 10 credits
- English B Semester 10 credits
- English Pathways A Semester 10 credits
- English Pathways B Semester 10 credits
- Literacy for Work and Community Life A Semester 10 credits

Year 12
- English Studies TAS 20 credits
- English Communications TAS 20 credits
- English Pathways TAS 20 credits
  (This course will not be run at Yr12 level until 2016)

- Literacy for Work and Community Life B Semester 10 credits
ENGLISH

ENGLISH – (COMPULSORY)

YEAR LEVEL: 8         LENGTH OF SUBJECT: Full Year

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: The introduction of the Australian Curriculum will focus students’ attention on the three strands, namely, Language, Literature and Literacy. Within this framework, students will be presented with a flexible program of language experience, which is designed to promote personal growth and development. The acquisition of language skills is an on-going process.

ASSESSMENT: All aspects of the course are assessed, e.g., written responses, group work, oral activities, assignments, etc.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

ENGLISH – (COMPULSORY)

YEAR LEVEL: 9         LENGTH OF SUBJECT: Full Year

PREFERRED BACKGROUND: Successful completion of Year 8 English.

CONTENT: This is a flexible program of language experience designed to promote personal growth and the development and extension of all English skills: reading, writing, listening, speaking, participating and viewing.

ASSESSMENT: All aspects of the course are assessed, e.g., written responses (both formal and creative), oral activities, assignments, etc.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.
HEALTH and PERSONAL DEVELOPMENT – For further information please contact the HPE Co-ordinator

Year 8
- HPE General (Full Year)

Year 9
- HPE (Semester)
- PE Specialist (Semester)

Year 10
- PE Specialist (Semester)
- HPE (Semester)
- Physical Education 1
  - 10 credits

Year 11
- Physical Education 2
  - 10 credits
- Physical Education
  - TAS
  - 20 credits
- Food and Hospitality
  - 10 credits

Year 12
- Food and Hospitality
  - 20 credits
- Child Studies
  - 10 credits
HEALTH AND PERSONAL DEVELOPMENT

HEALTH AND PHYSICAL EDUCATION – (COMPULSORY)

YEAR LEVEL: 8
LENGTH OF SUBJECT: Full Year

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: Students will be involved in a range of activities to help them develop physical skills, make safe and sensible choices and enjoy a healthy lifestyle. Students learn in five key areas:

Physical Education - introduced to a wide variety of skills and games. Emphasis on physical activity and group work.
Nutrition - Theory and practical activities relating to a healthy diet, safety and hygiene in the kitchen, basic kitchen skills.
Human Development- Decision making, self-concept, development in adolescence and assertive behaviour.
Community and culture - study menus and lifestyle of various cultures. Identify local health resources and facilities.
Drugs and smoking – study issues associated and the impact on personal health and society.

ASSESSMENT: Students are assessed and reported on in the following areas: achievement through theory and practical tests, book work, attitude, behaviour, participation and changing, practical skills and assignment work.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

HEALTH AND PHYSICAL EDUCATION – (COMPULSORY)

YEAR LEVEL: 9
LENGTH OF SUBJECT: Semester

PREFERRED BACKGROUND: Year 8 Health and Physical Education.

CONTENT: This course is designed so that students can be actively involved in developing attitudes and skills for a healthy lifestyle. Students learn in four key areas.
Physical Education – introduced to a wide variety of games. Emphasis on physical activity and group work
Nutrition- theory and practical activities relating to a healthy diet
Human development - program based on decision making, contraception and STIs.

ASSESSMENT: Participation, skill development, sportsmanship, assignment and theory work.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.
PHYSICAL EDUCATION SPECIALIST

YEAR LEVEL: 9  LENGTH OF SUBJECT: Semester

PREFERRED BACKGROUND: Year 8 HPE.

CONTENT: Students will develop skills and knowledge in a variety of physical activities. Core units of Touch, Softball, Cricket and Fitness will be studied with electives offered in Tennis, Hockey, Soft Crosse. Theory units include Fitness Components, Human Anatomy, Sport in the Media and sport specific topics.

ASSESSMENT: Participation, attitude, skills and theory work are assessed using tests, checklists, assignments and presentations.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

HOME ECONOMICS

YEAR LEVEL: 9  LENGTH OF SUBJECT: Semester

PREFERRED BACKGROUND: Year 8 HPE.

CONTENT: Food and Technology: Problem solving and practical skill development through the planning and production of a range of dishes including those for easy meals. Students will investigate the technology, past and present of equipment used for preparing food and look at labeling and microwave cookery. Textiles/Sewing: Students will learn how to use a sewing machine and then construct a denim pencil case. If time permits, students can make a cushion in colours of their choice.

ASSESSMENT: Practical and theory.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.
HUMANITIES and SOCIAL SCIENCES – For further information please contact the HASS Co-ordinator

Year 8
- History (Semester)
- Geography (Semester)

Year 9
- History (Semester)
- Geography (Semester)

Year 10
- History (Semester)
- Geography (Semester)
- Modern History 10 credits

Year 11
- Tourism 10 credits
- Modern History TAS 20 credits

Year 12
- Geography 10 credits
- Tourism TAS 20 credits
- Geography TAS 20 credits
HUMANITIES AND SOCIAL SCIENCES

HISTORY – (COMPULSORY)

YEAR LEVEL: 8  LENGTH OF SUBJECT:  Semester

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: The Year 8 Curriculum provides study of history from the end of the ancient period to the beginning of the modern period, c.650AD – 1750. This was when major civilizations around the world came into contact with each other. The content provides opportunities to develop historical understanding through key concepts, including evidence continuity and change, cause and effect, perspectives, empathy and significance.

ASSESSMENT: This consists of assignments, reports, bookwork, essays, map reading and interpretation, map-making, oral activities, knowledge tests and inquiry investigations.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

HISTORY – (COMPULSORY)

YEAR LEVEL: 9  LENGTH OF SUBJECT:  Semester

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: The Year 9 curriculum provides a study of the history of the making of the modern world from 1750 to 1918. It was a period of industrialisation and rapid change in the ways people lived, worked and thought. It was an era of nationalism and imperialism, and the colonisation of Australia was part of the expansion of European power. The period culminated in World War I 1914-1918, the 'war to end all wars'.

ASSESSMENT: Written activities including group and individual assignments, reports, mapping skills, essays, oral activities, tests and participation in excursions.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

GEOGRAPHY – (COMPULSORY)

YEAR LEVEL: 8  LENGTH OF SUBJECT:  Semester

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: There are two units of study in the Year 8 curriculum for Geography: Landforms and landscapes and Changing nations. Landforms and landscapes focuses on investigating geomorphology through a study of landscapes and their landforms. This unit examines the processes that shape individual landforms, the values and meanings placed on landforms and landscapes by diverse cultures, hazards associated with landscapes, and management of landscapes.

Changing nations investigates the changing human geography of countries, as revealed by shifts in population distribution. The spatial distribution of population is a sensitive indicator of economic and social change, and has significant environmental, economic and social effects, both negative and positive.

ASSESSMENT: This consists of fieldwork, assignments, reports, bookwork, essays, map reading and interpretation, map-making, oral activities, knowledge tests and inquiry investigations.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.
GEOGRAPHY – (COMPULSORY)

YEAR LEVEL: 9                      LENGTH OF SUBJECT: Semester

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: There are two units of study in the Year 9 curriculum for Geography: Biomes and food security and Geographies of interconnections.
Biomes and food security focuses on investigating the role of the biotic environment and its role in food and fibre production.
Geographies of interconnections focuses on investigating how people, through their choices and actions, are connected to places throughout the world in a wide variety of ways, and how these connections help to make and change places and their environments.

ASSESSMENT: This consists of fieldwork, assignments, reports, bookwork, essays, map reading and interpretation, map-making, oral activities, knowledge tests and inquiry investigations.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.
Year 8
Spanish

Year 9
Spanish

Year 10
Spanish A

Year 11
Spanish B
Stage 1
Spanish
(20 Credits)

Year 12
Stage 2
Spanish (20 Credits)
(This course will not be run at Yr12 level until 2016)


LANGUAGE

LANGUAGE - SPANISH

YEAR LEVEL: 8  LENGTH OF SUBJECT: Term

PREREQUISITE: No pre-requisites.

CONTENT: In this course students will learn about the basics of Spanish grammar, including regular verb conjugation and sentence structure; and basic conversational Spanish, including colours, numbers, family and clothes.

ASSESSMENT: Students will be assessed on a range of written and spoken assignments.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Students will need frequent access to the internet. Internet credit will be assumed.

LANGUAGE - SPANISH

YEAR LEVEL: 9  LENGTH OF SUBJECT: Term

PREREQUISITE: Year 8 Spanish.

CONTENT: This subject aims to continue the experiences of the Year 8 Spanish. Students will expand their knowledge of grammar to include irregular verb conjugation, and the continuous and future tenses. Students will learn how to converse about school and home life and their free time activities including likes and dislikes. Students will also begin to engage with our sister school students in Spain and explore aspects of Spanish culture including cuisine and movies.

ASSESSMENT: Students will be assessed on a range of written and spoken assignments, including creating and engaging with bilingual texts both oral and written.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Students will need frequent access to the internet. Internet credit will be assumed.
MATHEMATICS – For further information please contact the Maths Co-ordinator

Year 8
- Mathematics (Full Year)
- Pre Mathematical Applications
- Pre Numeracy for Work and Community Life

Year 9
- Pre Mathematical Studies

Year 10
- Pre Mathematical Studies

Year 11
- Mathematical Studies A 10 credits
- Mathematical Studies B 10 credits
- Specialist Mathematics 10 credits

Year 12
- Mathematical Studies TAS 20 credits
- Specialist Mathematics TAS 20 credits
- Mathematical Applications TAS 20 credits

Graphical representation of the above:

- Mathematical Pathways - Trade Mathematics A 10 credits
- Mathematical Pathways - Trade Mathematics B 10 credits
MATHEMATICS

MATHEMATICS – (COMPULSORY)

YEAR LEVEL: 8                LENGTH OF SUBJECT: Full Year

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: This course is designed to continue the student's development of Mathematics and Numeracy. It exposes students to more open-ended problems, developing high order problem solving skills and abstract thinking required for senior Mathematics. This will be done through the topics: ‘Functions and Graphs’, ‘Measurement and Geometry’, Number and Algebra’ and ‘Statistics and Probability’.

ASSESSMENT:

SPECIAL REQUIREMENTS/COSTS OF COURSE: Scientific Calculator $25 (compulsory), Geoliner $0.90, compass $1.10, ruler $1.00.

PRE MATHEMATICAL STUDIES

YEAR LEVEL: 9                LENGTH OF SUBJECT: Full Year

PREFERRED BACKGROUND: High success in Year 8 Mathematics.

CONTENT: This course is designed to prepare students for high level senior mathematics (Mathematical Studies and Specialist Mathematics). It exposes students to more open-ended problems, developing high order problem solving skills and abstract thinking required for senior Mathematics. This will be done through the topics: ‘Functions and Graphs’, ‘Measurement and Geometry’, Number and Algebra’ and ‘Statistics and Probability’.

ASSESSMENT: Skills and Application Tasks (SATs) and Folio.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Graphics Calculator $200 (compulsory), Geoliner $0.90, compass $1.10.

PRE MATHEMATICAL APPLICATIONS

YEAR LEVEL: 9                LENGTH OF SUBJECT: Full Year

PREFERRED BACKGROUND: Successful completion of Year 8 Mathematics.

CONTENT: This course continues the skills taught in Year 8, particularly basic skills and operations without calculators. Students are exposed to more open ended problems, which aims to enhance problem solving skills and abstract thinking in readiness for senior Mathematics. This will be done through the topics: ‘Functions and Graphs’, ‘Measurement and Geometry’, Number and Algebra’ and ‘Statistics and Probability’.

ASSESSMENT: Skills and Application Tasks (SATs) and Folio.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Graphics Calculator $200 (highly recommended), Geoliner $0.90, compass $1.10.
PRE NUMERACY FOR WORK AND COMMUNITY LIFE

YEAR LEVEL: 9  LENGTH OF SUBJECT: Full Year

PREFERRED BACKGROUND: Attempted completion of Year 8 Mathematics.

CONTENT: This course continues the skills taught in Year 8 (basic maths skills, problem solving and use of technology) Students will concentrate on improving their numeracy skills, with and without calculators. This will be done through hands-on tasks. They will also be expected to successfully use spreadsheets and other technology. This will be done through the topics: ‘Functions and Graphs’, ‘Measurement and Geometry’, Number and Algebra’ and ‘Statistics and Probability’.

ASSESSMENT: Skills and Application Tasks (SATs) and Folio.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Scientific Calculator $20 (compulsory), Geoliner $0.90, compass $1.10.
SCIENCE – For further information please contact the Science Co-ordinator
SCIENCE

SCIENCE – (COMPULSORY)

YEAR LEVEL: 8  LENGTH OF SUBJECT: Year

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: This course is designed to introduce students to all four sciences: Biology, Chemistry, Earth Science and Physics. It exposes students to an inquiry based approach, developing high order problem solving skills and abstract scientific thinking. They will learn how to use fine motor skills, observation, measuring devices while doing experiments and predict the outcomes of these experiments. This will be done through the topics: ‘Cells and Multicellular Organisms’ (Biological Science), ‘Change Matters’ (Chemical Science), ‘Energy Changes’ (Physical Science) and ‘Rock Star’ (Earth and Space Science).

Students will also use the scientific method to complete an in-depth investigation of their own choosing to be entered into the state PICSE Science competition.

ASSESSMENT: Skills and Application Tasks (SATs), Folio.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Possible excursions: Fossicking - $30; Mining Camp - $100.

SCIENCE – (COMPULSORY)

YEAR LEVEL: 9  LENGTH OF SUBJECT: Year

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: This course is designed to introduce students to all four sciences: Biology, Chemistry, Earth Science and Physics. It exposes students to an inquiry based approach, developing high order problem solving skills and abstract scientific thinking. They will learn how to use fine motor skills, observation, measuring devices while doing experiments and predict the outcomes of these experiments. This will be done through the topics: ‘Systems’ (Biological Science), ‘Chemical Reactions’ (Chemical Science), ‘Energy Transfer’ (Physical Science) and ‘Plate Tectonics and Earth History’ (Earth and Space Science).

Students will also use the scientific method to complete an in-depth investigation of their own choosing to be entered into the state PICSE Science competition.

ASSESSMENT: Skills and Application Tasks (SATs), Folio.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Possible excursions / camps: Illawonga Camp - $150.
AGRICULTURE 1

YEAR LEVEL: 9  
LENGTH OF SUBJECT: Semester

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: This unit is centered on the following areas: Vegetable growing, Soils, Cropping, Pastures, Dried Fruit Industry and Pruning.

ASSESSMENT: Skills and Assessment tasks (Tests), and Folio (Research and Practical Investigation).

SPECIAL REQUIREMENTS/COSTS OF COURSE: Possible excursions.

AGRICULTURE 2

YEAR LEVEL: 9  
LENGTH OF SUBJECT: Semester

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: This unit is centered on studies in the following areas: Sheep and Lamb Management, Poultry Management, Animal Digestion and Vegetable Growing.

ASSESSMENT: Skills and Assessment tasks (Tests), and Folio (Research and Practical Investigation).

SPECIAL REQUIREMENTS/COSTS OF COURSE: Possible excursions.
The pre-requisites for the Year 12 subjects are many and varied; too complex to show as arrow. Please read each subject very carefully to find out its pre-requisites.
TECHNOLOGY

TECHNOLOGY – (COMPULSORY)

YEAR LEVEL: 8  LENGTH OF SUBJECT: Full Year

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: Emphasis is placed on gaining basic hand skills and confidence in working in a practical situation. Students achieve practical solutions to various design problems. The following four areas will be studied:

IT: Graphic manipulation, basic web page construction, computer systems, cyber safety and video editing.

Metalwork: Using sheet-metals, marking, cutting, folding, bending, soldering, and spot welding.

Woodwork: Using timber, marking, cutting, planing, gluing, using a bandsaw, drill press and disc sander.

Electronics: Using basic electronic components and equipment to make a basic circuit using circuit wizard

Other: Students will be introduced to CAD (Computer Aided Design) in specific technology subjects. Students will also use the design process to design and create various projects.

ASSESSMENT: Students are assessed in the following areas: Practical skills, Book work and homework, Achievement in tests, Behaviour and Attitude.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

METALWORK

YEAR LEVEL: 9  LENGTH OF SUBJECT: Semester

PREFERRED BACKGROUND: No pre-requisites.

N.B.: This course is compulsory if the student intends to study any future metalwork.

CONTENT: Students complete practical activities designed to develop basic skills in oxy-acetylene welding, fitting and machining, metal fabrication. Emphasis is also given to safe working habits and developing problem solving and design skills. Theory assignments are used to reinforce practical tasks and develop communication and graphics skills.

ASSESSMENT: Practical work assessment, written work assessment and testing are amongst the range of assessment strategies used.

SPECIAL REQUIREMENTS/COSTS OF COURSE: If a student uses more than their allocated amount of materials then they will incur a charge for any extra materials that they use. This course enables the students to study Metalwork at Years 10, 11 and 12.
ELECTRONICS

YEAR LEVEL: 9  LENGTH OF SUBJECT: Semester

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: Students will develop and build projects which will develop skills in the use of electronic test equipment, circuit interpretation, circuit board production and population, soldering, component identification, fault finding and use circuit wizard to create electronic circuit diagrams. Written assignments will be used to further their understanding in the practical tasks.

ASSESSMENT: Students will be assessed in projects, practical tasks, written, design work and tests.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

WOODWORK

YEAR LEVEL: 9  LENGTH OF SUBJECT: Semester

PREFERRED BACKGROUND: No pre-requisites.

NB: This course is highly recommended if the student intends to study future woodwork.

CONTENT: Students will use the design process to produce various practical projects and basic CAD drawings to create projects. Emphasis is placed on developing safe working habits when using a wide range of tools and machinery. There are a couple of written and graphic assignments, to reinforce the skills learnt.

ASSESSMENT: Students will complete a set range of projects, practical tasks and written work. They will be assessed on the quality and completion of the set tasks.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

MULTIMEDIA AND INFORMATION TECHNOLOGY

YEAR LEVEL: 9  LENGTH OF SUBJECT: Semester

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: Students will gain knowledge of graphic manipulation, composition and editing videos when creating their Claymation movie using Movie Maker and digital cameras. Students will use their programing knowledge throughout this course to build web pages, using Dreamweaver. Students will extend their programing skills further to create their own App’s using an App creator program.

ASSESSMENT: Practical tasks and a folio of work examples.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Student’s will need to have internet credit.