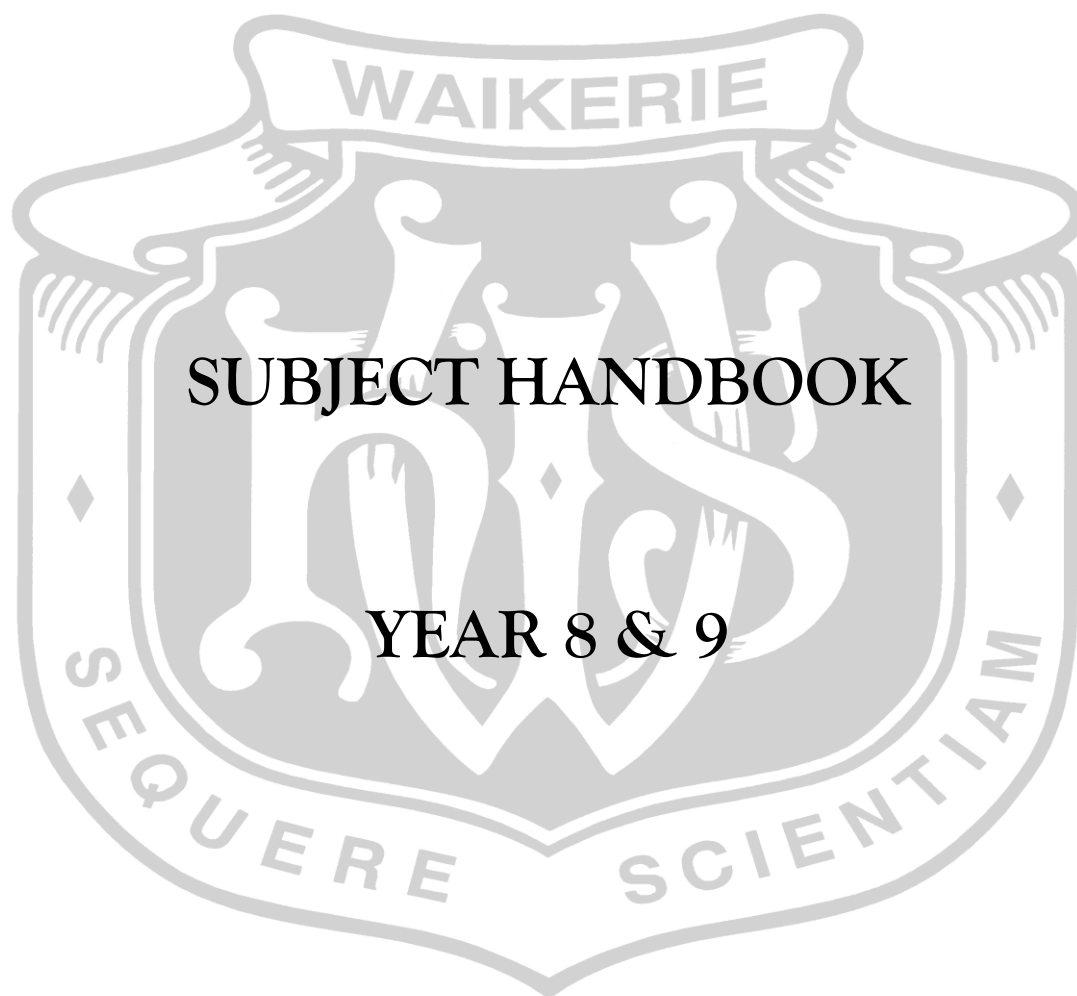


Respect ♦ Responsibility ♦ Trust ♦ Achievement ♦ Community

WAIKERIE HIGH SCHOOL

2020



SUBJECT HANDBOOK

YEAR 8 & 9



**Government
of South Australia**

Department for Education

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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MIDDLE SCHOOL HANDBOOK

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 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.

Craig Griffiths
Principal
Waikerie High School

YEAR 8 SUBJECT OFFERINGS

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

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 will study five subjects from the following choices (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
Creative Arts

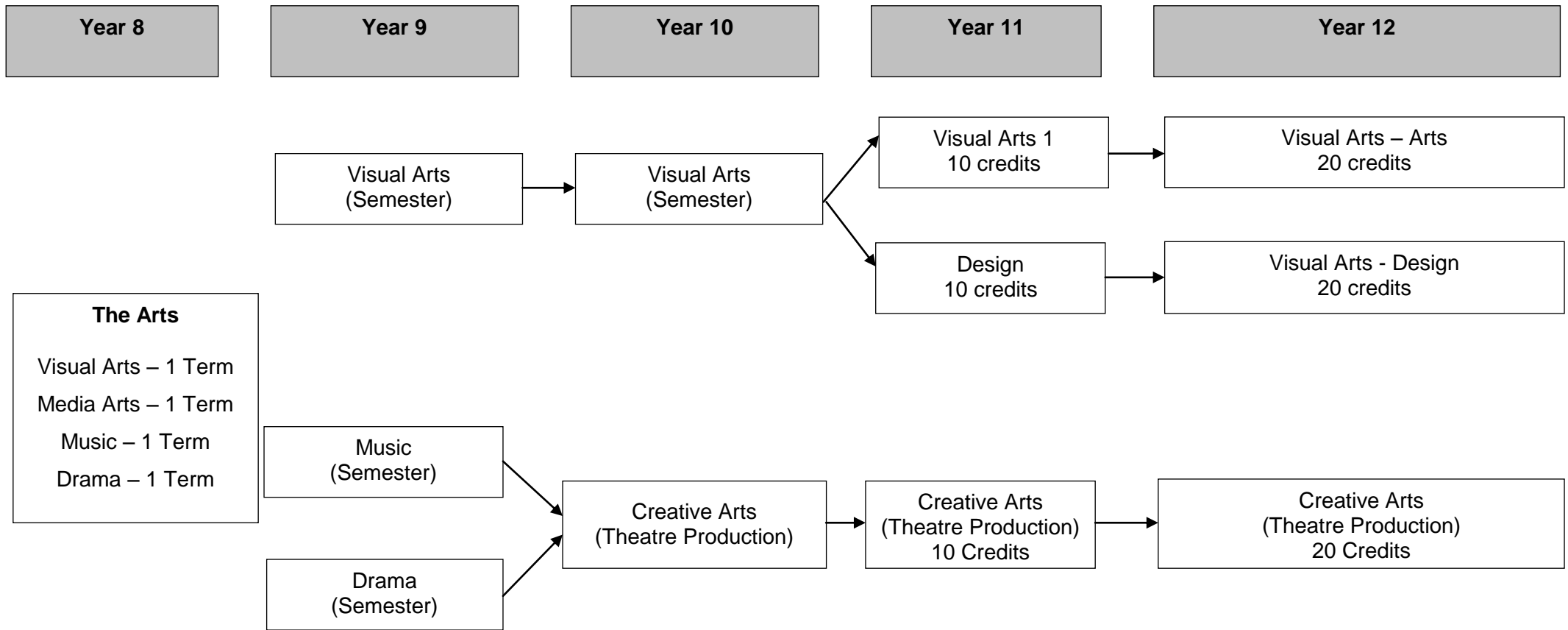
TECHNOLOGY

Design Technology -Woodwork
Design Technology - Metalwork
Electronics
Home Economics

OTHER SUBJECTS

Specialist Physical Education
Agriculture A
Agriculture B

THE ARTS – For further information please contact The Arts Coordinator



The Arts
 Visual Arts – 1 Term
 Media Arts – 1 Term
 Music – 1 Term
 Drama – 1 Term

THE ARTS

THE ARTS (*Four Arts areas covered – 1 Term each*)

YEAR LEVEL: 8

LENGTH OF SUBJECT: Full Year

PREFERRED BACKGROUND: No pre-requisites.

VISUAL ARTS:

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.

MEDIA ARTS:

CONTENT: Students build on their understanding and use of technologies to create and engage audiences with media artworks such as digital animation, claymation and Youtubing.

ASSESSMENT: Students are assessed on the presentation of and reflection on their projects, done individually and in teams.

PERFORMING ARTS: (1 Term of each)

DRAMA - CONTENT: Students are introduced to Drama as a topic. The subject includes theatre games, teamwork, building characters and script writing with emphasis on the development of self-confidence and self-esteem. Practical skills are developed in the following areas: voice, physical movement, facial expressions, characterization and stage craft.

MUSIC - CONTENT: This unit exposes students to a broader musical experience. The focus is on musical learning through 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 DECD Instrumental Music (IM).

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.

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: 9

LENGTH OF SUBJECT: Semester

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: Practical skills are developed in the following areas: script writing, film making, elements of drama, improvisation and character development.

ASSESSMENT: Focused on peer and self-assessment students are evaluated regularly on self-directed creative tasks, theatre skills, technical knowledge and participation. Students present their work as performances, films, audio recordings and written reflections.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

MUSIC

YEAR LEVEL: 9

LENGTH OF SUBJECT: Semester

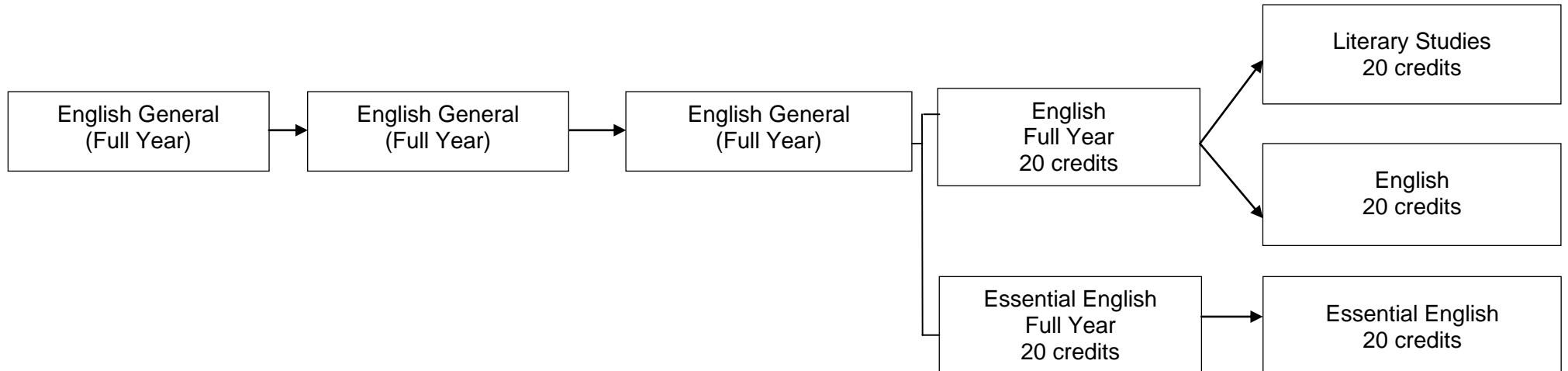
PREFERRED BACKGROUND: At least one term of tuition on an instrument. Compulsory for instrumental music students.

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 The Blues 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. IM students will also receive a report from their instrumental teacher.

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

ENGLISH – For further information please contact the English Coordinator



**20 Credits of English
(C or better)
required for SACE**

ENGLISH

ENGLISH – (COMPULSORY)

YEAR LEVEL: 8

LENGTH OF SUBJECT: Full Year

PREFERRED BACKGROUND: Successful completion of Year 7 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 receptive and productive), oral activities, assignments, etc.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

ENGLISH – (COMPULSORY)

YEAR LEVEL: 9

LENGTH OF SUBJECT: Full Year

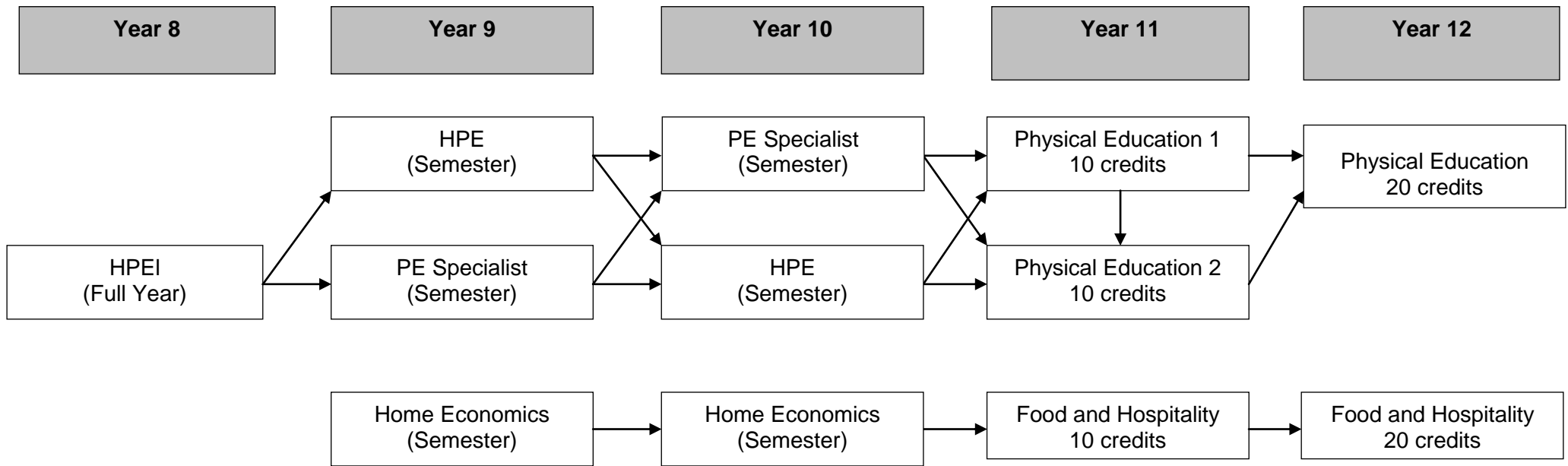
PREFERRED BACKGROUND: Successful completion of Year 8 English.

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 receptive and productive), oral activities, assignments, etc.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

HEALTH and PERSONAL DEVELOPMENT – For further information please contact the HPE Coordinator



HEALTH AND PERSONAL DEVELOPMENT

HEALTH AND PHYSICAL EDUCATION – (COMPULSORY)

YEAR LEVEL: 8

LENGTH OF SUBJECT: Three terms

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: The course is aligned with the Australian Curriculum content and will cover the following areas through a range of practical and classroom activities.

Practical Concepts: Fundamental movement skills, games and sports, lifelong physical activities, and the health benefits of physical activity will be covered through the sports of swimming, athletics, cross country running and invasion games, such as European handball, Soccer and/or Touch.

Health Concepts: Relationships and sexuality, mental health and wellbeing, alcohol and other drugs will be covered using the Shine SA (Sexual Health) program.

ASSESSMENT: Practical component is graded through skills and communication checklists. Health component is graded by folio tasks and group work observations.

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: The course is aligned with the Australian Curriculum content and will cover the following areas through a range of practical and classroom activities.

Practical concepts: Physical activities will be covered include Swimming, Athletics, Cross Country running, Soccer, Netball, Hockey and Australian Rules football.

Health concepts: Relationships and sexuality, mental health and wellbeing, alcohol and other drugs will be covered using the Shine SA (Sexual Health) program.

ASSESSMENT: Practical component is graded through skills and communication checklists. Health component is graded by folio tasks and group work observations.

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 Volleyball, Softball, Cricket and Tennis. Theory units include Fitness Components, Human Anatomy and Coaching Principles.

ASSESSMENT: Coaching assignment, Exercise physiology task and Sports Analysis.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

HOME ECONOMICS

YEAR LEVEL: 8 **LENGTH OF SUBJECT: One term**

PREFERRED BACKGROUND: Nil

CONTENT:

The food component introduces students to a range of food preparation tools, equipment and techniques used to make high quality, safe and nutritious food. Through basic nutritional information and utilising the Australian Guide to Healthy Eating, students will participate in a Smart Snack Practical Activity. The textiles component introduces the properties of different textile materials and basic construction techniques to produce a soft toy.

ASSESSMENT: Practical and theory.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Students will be required to bring some food ingredients for practical assessments. Students may need to supply their own fabric for sewing of their practical projects.

HOME ECONOMICS

YEAR LEVEL: 9 **LENGTH OF SUBJECT: Semester**

PREFERRED BACKGROUND: Nil.

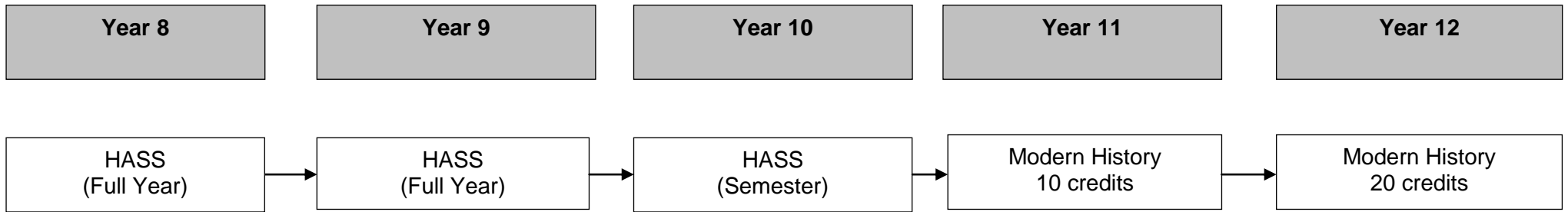
CONTENT:

This course aims to develop the students' range of food preparation skills and nutritional knowledge. Through the use of the design process students use their knowledge and understanding of nutrition to investigate, design, plan, create and evaluate adolescents' health and understanding of ingredients. Students will design their own hamburger and individually design a recipe for a smarter meal by swapping ingredients. In textiles, students will develop knowledge and skills of using a sewing machine to create a pencil case utilising sewing skills such as applique and inserting a zipper.

ASSESSMENT: Practical and theory.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Students will be required to bring some food ingredients for practical assessments. Students may need to supply their own fabric for sewing of their practical projects.

HUMANITIES and SOCIAL SCIENCES – For further information please contact the HASS Coordinator



HUMANITIES AND SOCIAL SCIENCES (HASS)

HASS – (COMPULSORY)

YEAR LEVEL: 8 **LENGTH OF SUBJECT: Full Year**

PREFERRED BACKGROUND: No pre-requisites.

CONTENT - HISTORY: The Year 8 Curriculum provides study of history from the end on 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.

CONTENT - GEOGRAPHY: 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 assignments, reports, bookwork, essays, map reading and interpretation, map-making, oral activities, knowledge, inquiry investigations and participation in excursions.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

HASS – (COMPULSORY)

YEAR LEVEL: 9 **LENGTH OF SUBJECT: Full Year**

PREFERRED BACKGROUND: No pre-requisites.

CONTENT – HISTORY: 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’.

CONTENT – GEOGRAPHY: There are two units of study in the Year 9 curriculum for Geography: Biomes and food security and Geographies of interconnections.

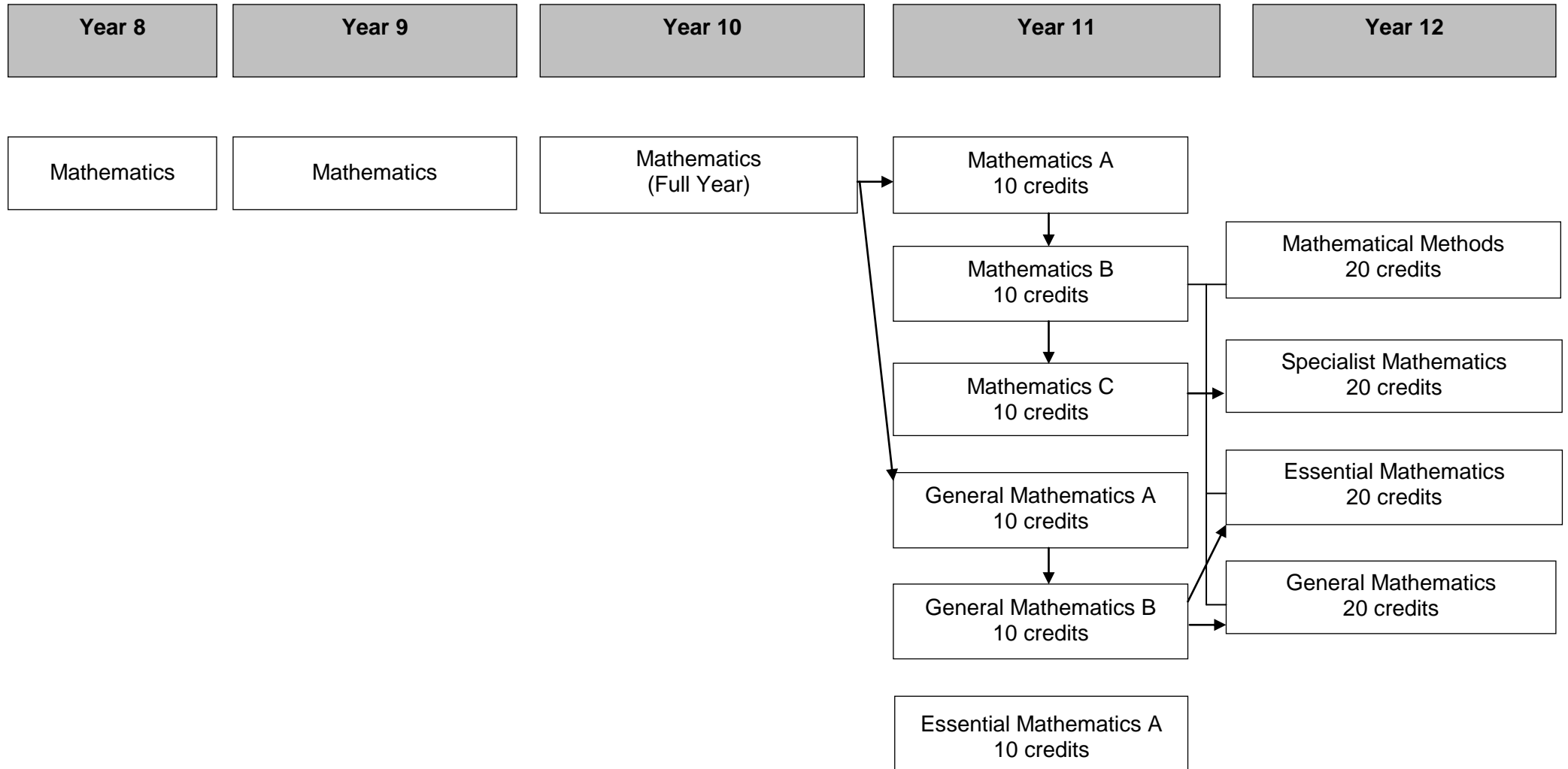
Biomes and food security focuses on investigating the role of the biotic environment and its role in food and fibre production.

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 assignments, reports, bookwork, essays, map reading and interpretation, map-making, oral activities, knowledge, inquiry investigations and participation in excursions.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.

MATHEMATICS – For further information please contact the Maths Coordinator



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

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

MATHEMATICS

YEAR LEVEL: 9

LENGTH OF SUBJECT: Full Year

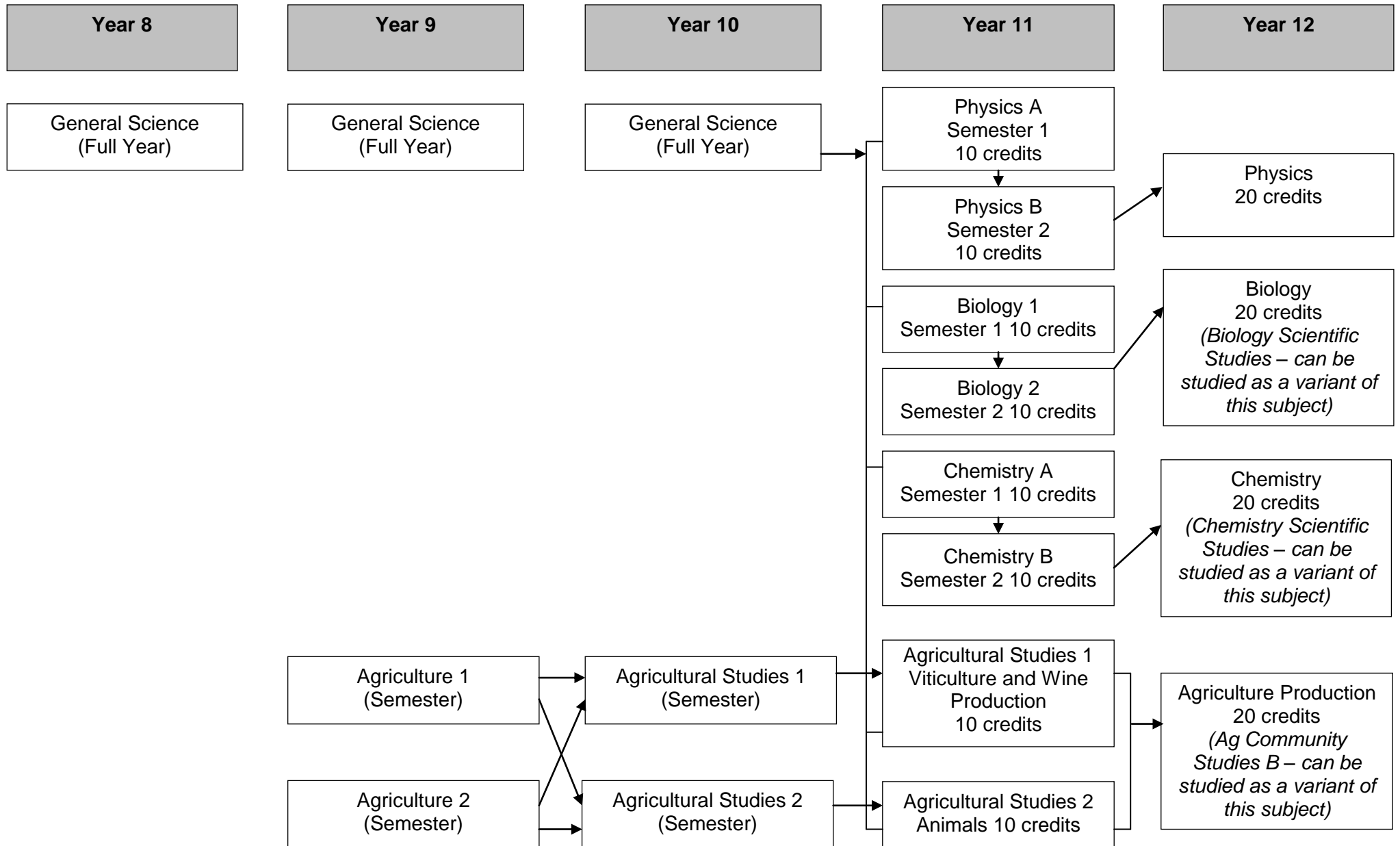
PREFERRED BACKGROUND: Success in Year 8 Mathematics.

CONTENT: This course is designed to continue the students' 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: Skills and Application Tasks (SATs) and Folio Investigations.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Graphics Calculator \$275 (compulsory), Geoliner \$0.90, compass \$1.10 and ruler.

SCIENCE – For further information please contact the Science Coordinator



SCIENCE

SCIENCE – (COMPULSORY)

YEAR LEVEL: 8

LENGTH OF SUBJECT: Full 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).

ASSESSMENT: Folio that consists of (Practical Investigations, Skills and Applications tasks, Research Assignments and Science as a Human Endeavour task).

SPECIAL REQUIREMENTS/COSTS OF COURSE: Possible excursions: Fossicking - \$10; Mining Camp - \$150 (Burra/Moonta).

SCIENCE – (COMPULSORY)

YEAR LEVEL: 9

LENGTH OF SUBJECT: Full 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: Folio that consists of (Practical Investigations, Skills and Applications tasks, Research Assignments and Science as a Human Endeavour task).

SPECIAL REQUIREMENTS/COSTS OF COURSE: Possible excursions/camps: Flinders Ranges Camp - \$300.

AGRICULTURE 1

YEAR LEVEL: 9

LENGTH OF SUBJECT: Semester

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: This unit is centered on the following areas: Commercial Horticulture, Aquaponics and Poultry.

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

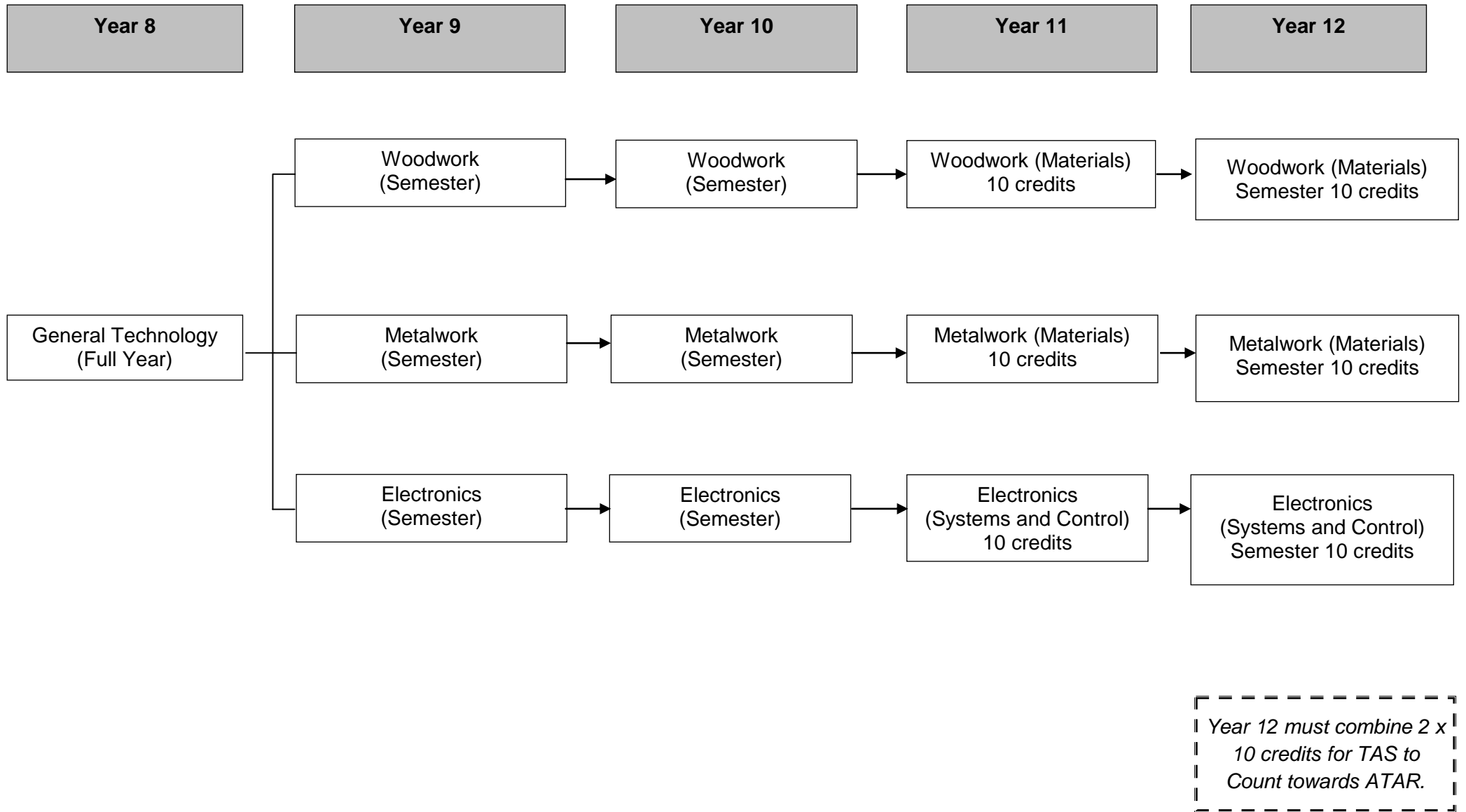
PREFERRED BACKGROUND: No pre-requisites.

CONTENT: This unit is centered on studies in the following areas: Commercial Horticulture, Aquaponics and Poultry.

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

SPECIAL REQUIREMENTS/COSTS OF COURSE: Possible excursions.

TECHNOLOGY – For further information please contact the Technology Coordinator



TECHNOLOGY

TECHNOLOGY – (COMPULSORY)

YEAR LEVEL: 8

LENGTH OF SUBJECT: Full Year

PREFERRED BACKGROUND: No pre-requisites.

CONTENT: Emphasis is placed on gaining skills and confidence in design and digital technology areas. Students achieve practical solutions to various design problems. The following four areas will be studied:

Digital Technologies: Students will immerse themselves into various 'Digital Technologies' throughout the course. These will include: Computer Aided Design (C.A.D.) using Autodesk Inventor, 3D Printing, Programming/Coding to produce a basic web page using HTML language (Line Coding) and Gaming using scratch (Block Coding), or CNC Programming using Vcarve Pro and the CNC router.

Metalwork: Using a variety of metals to: mark, cut, fold, bend, solder, and spot weld to produce a product.

Woodwork: Using timber to: mark, cut, plane, glue, bandsaw, drill and disc sand to produce a product.

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) and 3D printing in specific technology subjects. Students will also use the design process to design and create various projects.

ASSESSMENT: Students are assessed in accordance to the Australian Curriculum Standards for this curriculum area.

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. A CAD and 3D printing component will be added into the course, to strengthen design ideas and processes.

ASSESSMENT: Students are assessed in accordance to the Australian Curriculum Standards for this curriculum area.

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, faultfinding and use circuit wizard to create electronic circuit diagrams. Picaxe programming is used to set circuit outputs. Written assignments will be used to further their understanding in the practical tasks.

ASSESSMENT: Students are assessed in accordance to the Australian Curriculum Standards for this curriculum area.

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 engineer and produce various practical projects made from wood. Students will be introduced into STEM (Science, Technology, Engineering and Math) through the CO² Dragster Challenge. Students will use mathematic and physic principals in their design process as well as producing CAD drawings to demonstrate their design ideas in a folio format. Students will produce their CO² Dragster and compete against their class members.

Emphasis is placed on developing safe work habits when using a wide range of tools and machinery.

Note: *Students wishing to enrol into the 'F1 in Schools' course in Yr. 10, must successfully complete this course.*

ASSESSMENT: Students are assessed in accordance to the Australian Curriculum Standards for this curriculum area.

SPECIAL REQUIREMENTS/COSTS OF COURSE: Nil.