

*STAWELL SECONDARY
COLLEGE*



YEAR 9 HANDBOOK
2009

STAWELL SECONDARY COLLEGE

Patrick Street, Stawell 3380 Phone: 53581700 Fax: 53583096

Email: stawell.sc@edumail.vic.gov.au

Website: www.stawellsc.vic.edu.au

PARENT CONTACT 2008

Year 9 Level Manager	Chris Peatt
Principal	Peter Hilbig
Assistant Principal	Murray Hart

VISION

The fundamental purpose of Stawell Secondary College is to enable every student to reach his or her full academic, social and physical potential.

CORE VALUES

Stawell Secondary College upholds the following core values. We believe that the acceptance of these values is vital if each member of the community is to realise their potential. We also understand that the acceptance of these values will promote each individual's general well being and therefore make our community a safer, more dynamic and better place.

- Good work habits and a positive attitude to learning
- Respect for others
- Co-operation and community spirit
- Respect for property and the environment
- Having a healthy lifestyle

The Year 9 Program at Stawell Secondary College

In Year 9 students are beginning to 'Develop Pathways' in their educational journey which take into account their individual interests and preferences. They have greater flexibility than in the Middle Years in choosing a program that suits them and they begin to take greater responsibility for their own learning. The College will endeavour to assist each student to achieve their full potential whilst encouraging him/her to grow as an independent learner.

WELCOME TO YEAR 9



Dear Students

Congratulations on having successfully completed your studies in Years 7-8 and a warm welcome to you as you enter the Year 9 of your secondary education. As you are well aware by now, our College provides exciting opportunities and encouragement for all students to achieve their individual goals and aspirations. While opportunities, assistance and encouragement are important your personal level of commitment to your studies will be the most vital factor in determining whether you achieve your full potential at this level.

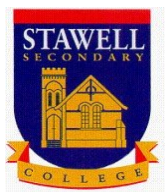
Taking a positive and responsible approach to learning, taking advantage of experiences on offer, being highly motivated and prepared to put in the hard work will inevitably lead to a successful outcome. The old adage that you only get out of it what you are prepared to put into it certainly applies.

Our College offers a comprehensive curriculum that provides the opportunity for all Year 9 students to establish a solid foundation from which to move into the senior school. Past experience indicates that our College caters for the diverse needs of all students; those wishing to go to University, those who want to attend a TAFE College, those aiming at an apprenticeship or traineeship and those seeking employment.

Our highly qualified and highly experienced staff work conscientiously to foster a caring learning environment which emphasises self discipline, respect and the importance of taking personal responsibility for your actions. Assistance is available and gladly provided to address any issue or concern that you may have. Being happy and contented will help you to be successful.

Enjoy your time in Year 9 at the College. Take full advantage of the opportunities to develop new skills, knowledge and personal qualities that will prove invaluable for the future.

Best wishes for the future
Peter Hilbig
Principal



CONTENTS

YEAR 9 PROGRAM	5
UNITS AVAILABLE IN YEAR 9	6
YEAR 9 CORE UNITS	7
- English	7
- Science	7
- Mathematics	8
- Physical Education	9
- History	11
- Commerce	11
YEAR 9 ELECTIVE UNITS	12
THE ARTS	
Art	13
Ceramics	13
Drama	14
Graphic Communication and Design	14
Music	15
HEALTH	
Entertaining	16
Family Meals	16
Health	17
LOTE (Languages Other Than English)	
German	18
HUMANITIES	
Geography	19
TECHNOLOGY	
Craft	20
Information Technology	21
Materials - Engineering	21
Materials - Woodwork	22
Systems Technology - Mechanical	23
Textiles	24
YEAR 9 SUBJECT SELECTION SHEETS	25

Year 9 Program - 2009

Victorian Essential Learning Standards

The Victorian Essential Learning Standards (VELS), introduced to all Victorian Government Schools in 2005, describe what is essential for all students to achieve at each level from Prep to Year 10. Years 9 and 10 are described as the ‘Developing Pathways’ stage. In these years students develop greater independence and explore how their learning can be applied to the world around them. Students begin to develop personal preferences in learning areas.

The Victorian Essential Learning Standards are developed within three core interrelated strands:

- Physical, Personal and Social Learning
- Discipline-based Learning
- Interdisciplinary Learning

Stawell Secondary College has developed a varied curriculum in line with VELS which meets the Learning Standards, as well as catering for individual needs, through a combination of compulsory core subjects and a wide range of electives.

Year 9 Organisation

In Year 9 the curriculum is made up of **Core Units** and **Elective Units** that allow all students to make choices. Core units are compulsory subjects. Elective units allow students to have some choice in their learning by giving them the opportunity to select subjects that appeal more to their interests. To broaden their educational experience students are encouraged to sample subjects from across the full range of the curriculum, and must choose **at least 1 unit** from **The Arts** and **1 unit** from **Technology**. **Language electives must be chosen for both semesters.** Each student’s program of study will include the following **Core units**:

- | | | | |
|---------------|------------------|------------|------------------|
| • English | (both semesters) | • Science | (both semesters) |
| • Mathematics | (both semesters) | • Commerce | (1 semester) |
| • PE | (both semesters) | • History | (1 semester) |

	Core Subjects					Elective Subjects		
Semester 1	English	Maths	Science	PE	History	Technology	Free Choice	Free Choice
Semester 2	English	Maths	Science	PE	Commerce	The Arts	Free Choice	Free Choice

Please complete the Selection Sheet and place it in the Year 9 2009 box outside the General Office by 4pm Friday 12th September 2009.

Please contact the Year 8 or 9 Level Manager if you have any questions or concerns.

CORE & ELECTIVE UNITS AVAILABLE IN YEAR 9

THE ARTS

Year 9 Arts **Elective** Units

ART901/902 Art
GRA9 Graphic Communication
DRA9 Drama
CER901/902 Ceramics/Sculpture
MUS901/902 Music

ENGLISH

Year 9 English **Core** Units

ENG901 English 1
ENG902 English 2

HEALTH & PHYSICAL EDUCATION

Year 9 Health & PE **Core & Elective** Units

PEO901 Physical Education 1
PEO902 Physical Education 2

Elective Units

HFA9 Family Meals
HEN9 Entertaining
HEA9 Health 1

LOTE

Year 9 Lote **Elective** Units

GER901/902 German 1 & 2

MATHEMATICS

Year 9 Mathematics **Core** Units

MAT901 Mathematics 1
MAT902 Mathematics 2

SCIENCE

Year 9 Science **Core** Unit

SCI9 Science

HUMANITIES

Year 9 Humanities **Core** Units

HIS9 History
COM9 Commerce

Year 9 Humanities **Elective** Units

GEO9 Geography

TECHNOLOGY

Year 9 Technology **Elective** Units

INF9 Information Technology
MAE9 Materials – Engineering
SEW901/902 Textiles “Sew Creative”
CRA9 Craft
STM9 Systems technology -
Mechanical
WWK9 Material - Woodwork

YEAR 9 CORE UNITS

ENGLISH ENG901/902

Students are encouraged to understand what they read. They will identify themes and issues arising from texts by means of comprehension, discussion, forming and expressing opinions. A broad range of texts will be selected from literature, non-fiction, mass media and everyday texts.

Students are encouraged to develop their personal writing and to experiment with a variety of writing styles such as poetry, plays, narrations and reports. Regular access to word processing is seen as essential to fostering pride and expertise in writing development.

Students will develop their vocabulary and extend their skills of expression. In their drafting and editing they will focus on spelling, punctuation, sentence structure and paragraphing as well as examine and practise the structures of various forms of communication to achieve their purpose. Oral expression and confidence are encouraged through class discussions, formal and informal speeches, drama and other tasks.

ASSESSMENT:

Assessment continues throughout each semester and centres on Writing, Reading (texts and comprehension) and Oral (listening and speaking) work.

FURTHER STUDIES:

Year 10 English

SCIENCE - SCI9

TOPIC ONE: Chemistry and Elements. Atomic structure and the periodic table are covered in detail and how they relate to the way atoms behave. Chemical changes and the use of chemical symbols to write equations are introduced.

TOPIC TWO: Body Snatchers! Present from birth, more than a million parasites live on or inside our bodies. Others are waiting to join them!

TOPIC THREE: Forensic Science. The science of crime is covered and how it is used to gather evidence used in crime scene situations.

TOPIC FOUR: Switching It On. Students will investigate and construct electrical circuits, investigate how electricity is used and measured, and make electronic devices.

TOPIC FIVE: Noise and Pictures. Students investigate the nature and behaviour of light and sound. They will gain an understanding of colour, electromagnetic spectrum, image formation, structure and function of the eye.

TOPIC SIX: Is There Anyone Out There? This topic will extend your understanding of the stars, satellites and space probes.

TOPIC SEVEN: Metals and Mining. The properties and uses of metals and the processes involved in the extraction of metals from ores are investigated. This includes an investigation of the Earth's crust, the ways it can be moved by powerful forces and why minerals are found where they are.

ASSESSMENT:

Will be based on:

- Completion of work
- Topic tests
- Practical work
- Assignments
- The ability to participate in class work

FURTHER STUDIES:

Year 10 Science

MATHEMATICS - MAT901

Students will begin working towards VELS Level 6, where the following topics are covered:

- Number: Fractions, Ratios, Percentages, Scientific Notation and Significant Figures.
- Space: 2D and 3D Shapes with applications including Contour Lines, Longitude and Latitude.
- Measurement, Chance and Data: Perimeter, Area, Surface Area and Volume, Pythagoras' Theorem, Probability and Statistics.
- Working Mathematically: Variety of problem solving activities utilising technology to explore mathematical relationships.

Structure: Indices, Algebraic Transposition and Substitution

ASSESSMENT:

Assessment will include a variety of methods such as Unit Tests, Problem Solving Assignments, Project Investigation Reports, Work Samples, Homework Sheets and Observation of Class Activities.

FURTHER STUDIES:

Mathematics – Year 9 Semester 2

MATHEMATICS - MAT902

Students will continue working towards VELS Level 6, where the following topics are covered:

- Number: Estimation, Rational and Irrational Numbers, Surds.
- Space: Congruent and Similar Triangles, Properties of Circles.
- Measurement, Chance and Data: Trigonometry, Bivariate Data.
- Working Mathematically: Variety of problem solving activities utilising technology to explore mathematical relationships.
- Structure: Linear Equations, Factorisation, Simultaneous Equations.

ASSESSMENT:

Assessment will include a variety of methods such as Unit Tests, Problem Solving Assignments, Project Investigation Reports, Work Samples, Homework Sheets and Observation of Class Activities.

FURTHER STUDIES:

Mathematics – Year 10

PHYSICAL EDUCATION - PEO901

The semester one course is based around encouraging and maintaining participation in physical activity and using training methods to improve their personal fitness, manipulative and movement skills.

The following units will be covered:

Aquatics: this unit involves water safety, survival swimming, open water rescue techniques, aquatic games, swimming for fitness and CPR theory and practice.

Physical Activity & Personal Fitness: involves students using a variety of tests to evaluate personal fitness and set goals to improve. Activities that may be included are: aerobics, circuit training, flexibility training, weights circuits, self-defense, power walking, orienteering, bike riding, interval and continuous training. Students will also complete a computer based Sports Search program and an assignment analysing their own fitness and identifying physical activity programs available in the community.

Individual and Team Sports: these units will be based on either an individual or team sport such as badminton, football codes or volleyball. Students will be required to use strategies and tactics in sporting competitions and employ and devise skills in complex activities. They will also assume responsibility for conducting aspects of a sporting competition and share roles whilst displaying appropriate sporting behaviour.

Practical participation is a vital part of each student's development and assessment. Students are required to have a complete change of clothing, including the P.E.& Sport polo shirt. If for any reason a student cannot participate in a lesson, an explanatory note from a parent or guardian must be provided.

ASSESSMENT:

- Water Rescue Initiative
- Cardiopulmonary Resuscitation
- Knowledge & understanding
- Personal Activity Program
- Personal Fitness Tests
- Personal Fitness Analysis

FURTHER STUDIES:

Year 10 Physical Education, Year 10 Sport Education, Year 10 Outdoor Education
VCE Physical Education

ADDITIONAL INFORMATION

There is an additional \$15 cost for the swimming program and possibly some small additional costs associated with some of the activities.

PHYSICAL EDUCATION – PEO902

The semester two course involves students participating in two major areas:

Gymnastics: A 5-week unit, which focuses on evaluating skills and movement patterns. Students will design and implement performance criteria on which to base analysis and improve their performance in a gymnastics routine. They will study their routine on videotape to identify errors and modify their actions and skills to improve their performance.

Individual and Team Sports: This area of the course focuses on:

- the ability to learn and apply individual and group tactics and skills in activities and team sports in order to improve performance
- the ability to work in teams
- the development and reflection of a personal goal and performance throughout the activity
- assuming responsibility for conducting aspects of a sporting competition and sharing roles whilst displaying appropriate sporting behaviour.

Students will take part in a number of individual and team sports such as badminton, squash, racquetball, table tennis, golf, volleyball or archery.

Practical participation is a vital part of each student's development and assessment. Students are required to have a complete change of clothing, including the PE & Sport polo shirt. If for any reason a student cannot participate in a lesson, an explanatory note from a parent or guardian must be provided.

ASSESSMENT:

- Gymnastics routine design
- Gymnastics video analysis and peer feedback
- Gymnastics routine
- Teamwork & sportsmanship
- Game performance and analysis
- Knowledge & understanding
- Archery technique peer analysis
- Golf biomechanics Analysis

FURTHER STUDIES:

Year 10 Physical Education, Year 10 Sport Education, Year 10 Outdoor Education
VCE Physical Education .

ADDITIONAL INFORMATION

There may be some small additional charges for bussing and participation in some of the sessions held at venues outside of school such as at the local golf clubs or Leisure centre.

HISTORY - HIS9

At this level students should work towards developing an understanding about Australia in terms of political and cultural structures and traditions.

AREAS OF STUDY:

- 1. Aborigines and Torres Strait Islanders:** a study of the traditional life of the first Australians.
- 2. European Discovery and Colonisation of Australia.**
- 3. Gold:** the effects of gold discoveries in Australia.
- 4. Becoming Australian**

ASSESSMENT:

- Document study
- Research Assignments
- Essay
- Topic Test

FURTHER STUDIES:

Year 10 History, VCE History

COMMERCE - COM9

The Year 9 Commerce program is designed in line with the Victorian Essential Learning Standards, Economics Standards – Level 5-6. The program involves students looking at several topics that include:

- The Smart Consumer – Advertising and its impacts on our needs and wants
- Money and Me – Budgeting and the management of personal income
- Investing for the Future – A cover of Australia’s most common investments involving participation in the ASX ‘Live’ Sharemarket Game
- What’s a Market? – The role of markets, supply and demand in production and a trip to the Queen Victoria Market in Melbourne
- MarketDay - Students will have to take responsibility for the development, marketing, budgeting, forecasting and selling of their individual product. Students will be eligible to apply through the school bank for a business loan (max \$400) to cover start-up costs and must submit a satisfactory business plan to be granted a loan approval. Students will then have to complete withdrawal slips, justifying their spending, in order to receive real funds. Students then produce, market and sell their goods at an event known as MarketDay. Students who produce a profit on MarketDay will be able to ‘earn’ 50% and donate 50% to a charity/non-profit organisation of their choice.

ASSESSMENT:

- Topic Tests
- Research Assignments
- Exercises
- Work Book

FURTHER STUDIES:

Year 10 Commerce, VCE Business Studies

YEAR 9 ELECTIVE UNITS

Students have the opportunity to take greater responsibility for their own learning and develop personal preferences in learning areas by selecting a number of elective units.

To broaden their educational experience students are encouraged to sample subjects from across the full range of the curriculum. To achieve this aim, students must take at least one unit from The Arts and one unit from Technology. **Language electives must be chosen for both semesters.** In choosing your electives think about those subjects that:

- interest you
- may meet your needs in the future
- you enjoy

You are asked to complete your selection form by writing in your order of preference, 1 next to the unit that is your first choice, 2 next to your second choice...through to 8 for your eighth choice. You will study 6 elective units, however you are asked to put in 8 elective choices in case some electives may not attract sufficient numbers of other students to be timetabled.

Each elective subject may only be taken ONCE and no more than THREE electives may be taken from each Learning Area.

THE ARTS

ART - ART901/902

Within these guidelines each student will be encouraged to explore techniques and practices related to the idea of developing objects that occupy a more realistic space (look more real!) on the page 'how to draw' and paint techniques will be looked at here, with the emphasis on exploring alternative techniques.

Possible explorations might include - How to draw realistic faces and hands, drawing the figure from life, cars, boats, planes, fruit, and the like, as well as surface effects such as scales, rocks, foliage, water, skin and sky. For landscape work students will be asked to also develop their own folio ideas.

ASSESSMENT:

- Each student will submit a folio of works for assessment that will include both experimental trial work and also 'finished art' examples.
- A number of short written pieces will also be expected that highlight the students understanding and opinions of technical practice, aesthetics and historical information related to their own folio presented in a work journal.

MATERIALS COST: \$9.00 Protective clothing recommended.

FURTHER STUDIES:

Year 10 Art, VCE Art and Studio Arts

CERAMICS / SCULPTURE - CER901/902

Wheel & hand built forms will be made in the clay medium while other sculptural materials will be used to create forms.

Self-generated forms will be encouraged from fantasy teapots to large basket forms.

Journal work will be carried out to record, illustrate, design and research forms & techniques by the student and the work of artists and craftsmen. (Past and present and of different cultures).

Students will exhibit and discuss their work with an audience.

ASSESSMENT:

- FOLIO WORK - A range of completed containers and vessels will be assessed. (Construction, Form & Finish).
- SUPPORT WORK - Journal records, designs & developmental drawings.
- RESEARCH - Assignment work on past & present & ceramic sculptural, craft styles & artists.

MATERIALS COST: \$8.00 Protective clothing recommended.

FURTHER STUDIES:

Year 10 Ceramics/Sculpture, VCE Art & VCE Studio Arts

DRAMA - DRA9

The study of Drama is about imagining, making and presenting ideas within the framework of dramatic expression. Students will develop roles and characters through research, observation and collaboration of ideas and feelings. They will develop an understanding of dramatic styles and what place Drama has in society.

Students are encouraged to:

- Work in teams
- Develop confidence and concentration
- Use a variety of dramatic forms to communicate ideas
- Perform to an audience
- Increase their understanding of drama in past and present contexts

ASSESSMENT:

- Participation and contribution to group activities
- Teacher evaluation
- Self evaluation
- Peer evaluation

FURTHER STUDIES:

Year 10 Drama, VCE Drama

GRAPHIC COMMUNICATION AND DESIGN - GRA9

The course consists of exercises and projects that focus on the graphic devices of symbolology, mapping, diagrams, charts, technical and architectural drawings along with IT presentation.

Design of briefs will also be introduced to develop the student's ability for creative thinking. Students will be able to understand the importance of layouts in advertisements and advertising in general. All work includes investigation, develop and trialling of ideas, refine and selection and presentation.

ASSESSMENT:

Assessment is ongoing throughout the Semester and students will be assessed according to their ability.

MATERIALS COST: \$8.00

FURTHER STUDIES:

Year 10 Graphics, VCE Graphics

MUSIC - MUS901/902

Students **must** be learning an instrument, including voice to take this course.

Students will be working towards the Victorian Essential Learning Standards of Creating and Making music and Responding to and Exploring music. Lessons will be roughly divided into:

- | | |
|------------------|--------------------|
| (1) Practical | 2 lessons per week |
| (2) Theory/Aural | 1 lesson per week |
| (3) Unit of Work | 1 lesson per week |

Movie Music: Students will study music from popular movies including Harry Potter and Pirates of the Caribbean. They will use these movies as the basis for learning theory and aural work, giving them a practical application for the learning of theory.

Audio Book: Students are introduced to music technology and some practical applications of it for them as musicians. Students are given the opportunity to create an audio book with background music and sound effects.

ASSESSMENT

- Solo and group performances to the class and in public
- Assignments and tests on Movie Music, technology and performance skills
- Work book

FURTHER STUDIES:

Year 10 Music, VCE Music, VET Music Industry Skills

ADDITIONAL INFORMATION:

Music may be selected for both semesters by those students involved in the whole school Music Program.

HEALTH

ENTERTAINING - HEN9

- Students will prepare a range of foods suitable to eat at different celebrations and suitable to serve when entertaining.
- The relationship between nutrition and stages of growth and development will be examined, as well as the food and eating practices associated with different stages in life. Students will prepare foods for entertaining during early childhood, for example, at children's birthday parties; adolescence, for example, 'eating on the run' with friends; and adulthood, for example, at a mock tail party with finger foods.
- Meal planning for formal dinner parties will be examined. Students will look at table setting, napkin folding and etiquette and will prepare and make a variety of foods including, appetizers or 'finger foods', soups, main meals and desserts. In addition, students will investigate, design, produce and evaluate their own dinner party.
- The "Rethinking Drinking, You're In Control" alcohol unit will be taught using a harm-minimization approach.
- A rich fruit cake will also be made, baked, iced and decorated for a specific celebration, such as for Christmas, a special birthday, anniversary or the like.

UNITS OF WORK TO BE COVERED:

1. Introduction to 'Entertaining'
2. Parties Across the Life Cycle
3. Formal Entertaining
4. Rethinking Drinking. You're in Control.
5. Traditional Foods

MATERIALS COST: \$65.00

FURTHER STUDIES: Year 10 Health, Year 10 Home Economics, Year 10 Catering, VCE Health and Human Development, VCE Food and Technology and VET Hospitality

FAMILY MEALS - HFA9

- Students will examine a range of family types, family roles and responsibilities, family functions and issues relating to family life.
- Students will learn to analyse the links between diet and current community health issues, and consider special dietary needs, and ways of improving their own diet.
- Patterns of food consumption in Australia will be researched and students will investigate factors that influence food choice and healthy eating behaviour, such as changes in family life.
- Students will prepare a range of family meals based on nutritional principles. Factors affecting meal planning will be considered and a range of basic food techniques will be included such as stewing and casseroles, baking, grilling, stir-frying and microwave cookery. Planning of meals considering cost and using the Dietary Guidelines for Australians and the Healthy Diet Pyramid will include the preparation and cooking of foods such as focaccia, pasta, rice, fruit, vegetables, meat, fish, poultry, eggs, custard, cheese/yoghurt, pastry, sauces and so on.
- Students will investigate, design, produce and evaluate two family meals, one made at school under teacher supervision and one made at home under parental supervision.

UNITS OF WORK TO BE COVERED:

1. Introduction to 'Families' - family types, roles, responsibilities and functions and issues relating to family life.

2. Changes in Patterns of Food Consumption in and Factors that Influence Food Choice
3. Basic Cooking Methods for Family Meals.
4. Family Meal Cookery: Foods to Get Up and Go! Foods for Growth! Stop and Think Foods!

MATERIALS COST: \$50.00

FURTHER STUDIES: Year 10 Home Economics, Year 10 Catering, Year 10 Health, VCE Health and Human Development, VCE Food and Technology and VET Hospitality

HEALTH - HEA9

This unit seeks to develop an understanding of the physical, social and emotional dimensions of health. Students are encouraged to take an interest in their own health; to appreciate themselves as unique individuals; to examine their personal actions; to critically think about the family, cultural groups and the wider community; and to consider the effects of the physical and social environment on young people's health. This unit leads on to further studies in "Year 10 Health".

Topics that may be covered include:

- Health of Australians
- Promoting health of young people
- Establishing personal identity
- Drug use in the community, focusing on Cannabis
- Romantic relationships: understanding sex and sexuality

ASSESSMENT:

- Assignments/Projects
- Data Analysis Tasks
- Media Analysis/Review Tasks
- Short Exercises
- Tests

FURTHER STUDIES:

Year 10 Health, VCE Health and Human Development

LOTE **GERMAN - GER901/902**

Student's language skills will be developed through a selection of topics including: holidays, towns and cities, festivals, work, leisure, fashion, music, and travel.

In any one lesson or unit of work, a variety of learning activities may be used including: Role play, dialogues, reading, guided and free writing activities and listening exercises.

OBJECTIVES:

To assist students to:

- interact in written and spoken form in a variety of situations.
- read and listen to short texts and convey specified information in written, graphic and/or spoken form.
- write and read passages for personal enjoyment and for entertainment of others
- develop understanding of culture
- participate in written and spoken exchanges involving plans, preferences, descriptions of people, places and events, directions.

Students undertake this subject for both semesters.

ASSESSMENT:

Students will be assessed in reading, writing and listening activities, role plays or interviews and projects.

FURTHER STUDIES:

Year 10 German

Did you know that.....?

- **You can apply for an exchange to Germany in Year 9 and 10.**
- **Doing a LOTE in VCE attracts bonus points for the ENTER score**
- **Germany is one of the largest economies in the world and the largest in Europe**
- **A second language improves job opportunities and earning potential.**
- **Learning a LOTE improves overall literacy skills.**
- **German is a relatively easy language to learn for English speakers.**

HUMANITIES

GEOGRAPHY– GEO9

Students in Year 9 will be covering a range of issues that will develop their understanding of a lot of new terms and concepts that will help them understanding of local and global issues.

They identify and report on the local and global issues arising from the interaction of natural processes and human activities and study ‘development’ issues from around the globe.

They work with a range of geographic data which incorporates spatial concepts, conventions and findings. They must use field work as the basis for providing explanations and evaluations for given proposals.

Specific topics include the 2004 Tsunami, ‘Developed and Developing’, ‘Dams, tourism and child sponsorship’ and ‘Cities’.

ASSESSMENT:

- Class work and topic tests
- Projects
- Practical tasks
- Fieldwork

FURTHER STUDIES

Year 10 Geography

TECHNOLOGY

CRAFT - CRA9

The main theme in this unit is to encourage students to investigate different materials and techniques, plan and construct products and to evaluate their performance as a 'designer'.

Students will be working as designer with the following:

- Fabric - painting, appliqué, patchwork
- Paper – paper machie, collage, decoupage
- Mosaic – assorted materials
- Soft furniture – household items

Some of the products made could include – photo frames, mirrors, mobiles, quilts, banners and toys. All products will follow the design plan – gathering ideas, experimenting, refining ideas and evaluating the outcomes.

ASSESSMENT:

- Investigation/s – product and construction methods/ industry related
- Design
- Students are expected to complete a minimum of three production pieces.
- Work book/Journal to contain plans, sample processes, construction details, work sheets
- Evaluations – self, peer and commercial product

MATERIALS COST: \$25.00 Students are required to provide the materials for major production items, which are essential parts of this study. The cost of these items can vary from \$15.00 - \$45.00 and will be determined by the students selection of materials to be used.

FURTHER STUDIES:

VCE Technology: Materials (Textiles), VCE Studio Arts

INFORMATION TECHNOLOGY - INF9

In this course students will learn to use a range of ICT tools and data types to visualise their thinking strategies when solving problems and developing new understanding.

Individually, and as team members, students will be encouraged to apply a range of techniques, equipment and procedures that minimise the cost, effort and time of processing ICT solutions and maximise the accuracy, clarity and completeness of the information. Their products will aim to demonstrate a clear sense of purpose and respect for the audience.

They shall be taught to apply strategies that protect their files from being corrupted, stolen or accidentally lost.

Students will learn to refine their techniques to locate more precise information from web-sites, including searching general and specialised directories, and applying proximity operators.

The ICT applications studied to address these objectives will include:-

- Word
- Excel
- Publisher
- Access
- WebPainter3
- Caligari
- Visual Basic
- Kahootz
- PowerPoint

ASSESSMENT:

- A series of Text Processing exercises count towards final assessment
- A series of Number Processing exercises count towards final assessment
- A series of Image Processing exercises count towards final assessment
- A series of Integrated Projects count towards final assessment

FURTHER STUDIES:

Year 10 Information Technology

MATERIALS – ENGINEERING - MAE9

Materials Engineering introduces students to the world of the metal industry. Students discover the role of engineering in manufactured products. Some of the skills taught will be the machining of brass and steel, precision turning, sheet-metal work and silver soldering. Some of the machine tools that will be used are drills, benders, lathes, grinders (off hand or pedestal), shaping machines and milling machines.

Students investigate the role of quality and control standards such as the Australian Standards in manufacturing and products. Emerging materials are looked at for their suitability for a specific purpose.

Students design a range of products using traditional drawing methods and a CAD drawing program. The major production piece will be negotiated between students and teachers. In the past projects such as model steam engines and pedal powered go-carts have been produced.

An evaluation of the completed project will also be carried out.

For the production classes students are required to wear;

- safety glasses (provided in book pack)

- protective clothing such as overalls or old clothes
- safety equipment as deemed necessary by the teacher

ASSESSMENT:

- Investigation
- Design
- Production
- Evaluation / Analysing

MATERIALS COST: \$20.00 Larger projects may incur an extra charge.

FURTHER STUDIES:

Year 10 Materials – Engineering, Year 10 Systems - Automotive

MATERIALS – WOODWORK - WWK9

This unit focuses on designing and working with timber.

Students are instructed in the safe and correct use of woodworking hand and small power tools. Students are involved in the construction of 3 Dimensional functional products working from Design Briefs.

Students receive instruction on the design process where they are required to investigate design, produce and evaluate finished projects.

For the production classes students are required to wear:

- safety glasses (provided by book pack)
- leather school shoes or boots (**runners or sandals of any type are not acceptable**)
- protective clothing such as overalls or old clothes
- safety equipment as deemed necessary by the teacher

ASSESSMENT:

- Investigation
- Design
- Production
- Evaluation / Analysis

MATERIALS COST: \$40.00. Larger models may incur an extra charge.

FURTHER STUDIES:

Year 10 Materials - Woodwork, VCE Materials - Woodwork

SYSTEMS TECHNOLOGY – MECHANICAL - STM9

Investigation will look at the components, examine the operation and research the evolution of a range of simple machines in common use such as bicycles, washing machines, winches and gearboxes. Energy sources such as fossil fuels, renewable combustible fuels, solar, wind and human power will be examined and compared with an emphasis placed on emerging technology.

Designing will use the knowledge gained to create a vehicle using components from existing machines. Designs will be sketched by hand, drawn using traditional drafting techniques and created using CAD software (computer aided drafting). The RACV Energy Challenge, a competition for school children based upon sustainable transport options will provide the criteria for the design brief.

Production of the students design will incorporate the use of a wide range of hand and power tools such as grinders, welders, drills and lathes. Students will work in a team environment developing individual and team skills. Interested students may go on to compete in the RACV Energy Challenge held at Maryborough in November.

For the production classes students are required to wear;

- safety glasses (provided in book pack)
- leather school shoes or boots (**runners or sandals of any type are not acceptable**)
- protective clothing such as overalls or old clothes
- safety equipment as deemed necessary by the teacher

Evaluation of the final product will be in the form of a report. Students will look at the difficulties encountered, successes, skills learnt, faithfulness to the original design, performance and aesthetics.

ASSESSMENT:

- Investigation
- Design
- Production
- Evaluation / Analysis

MATERIALS COST: \$20.00 Larger models may incur an extra charge.

FURTHER STUDIES:

Year 10 Systems Technology Auto, Year 10 Materials Technology Engineering, VCE Systems Technology Auto, VCE Design Technology Metal.

TEXTILES “SEW CREATIVE”- SEW901/902

Students will use basic machine and overlocker techniques to make garments using stretch fabrics. Students will need to make one of their garments for another person and will be required to work as a ‘fashion designer’ using the knowledge and skills they learn in this subject.

Some of the garments that will be made include – PJ’s, jumpers/windcheaters, dressing gowns, fancy dress outfit (for the social) student selection time permitting

Students will learn how to identify body types and match clothing styles to suit. When working on products students will be given a range of pattern alternatives, use of natural and synthetic fabrics and shown how fashion designers work to make a commercial range.

Also included in this unit is the opportunity to work with fabric decoration-

- Designing and painting decorative features
- Applying different fabrics, laces and other trim

One of the garments produced will need to have a ‘designer’ feature added to it during its manufacture.

The main theme in this unit is to encourage students to investigate different materials and techniques, plan and construct products and to evaluate their performance as ‘fashion designers’.

ASSESSMENT:

- Investigation/s – product and construction methods/ industry related
- Design
- Students are expected to complete a minimum of three production pieces.
- Work book containing plans, sample processes, construction details, worksheets
- Evaluations – self, peer and commercial product

MATERIALS COST: \$20.00

Students are required to provide the materials for major production items, which are essential parts of this study. The cost of these items can vary from \$15.00 - \$45.00 and will be determined by the students selection of materials to be used.

FURTHER STUDIES:

VCE Technology: Materials (Textiles), VCE Studio Art

STAWELL SECONDARY COLLEGE

YEAR 9 SELECTION SHEET FOR 2009

Selection Sheet 1

Student Name **Form 8**

Please hand in your completed form to the General Office by Friday, 12th September

CORE UNITS					
ENG901/902 Core English Semester 1&2	✓	MAT901/902 Core Maths Semester 1&2	✓	PEO901/902 Core PE Semesters 1&2	✓
COM9/HIS9 Core Commerce / History	✓	SCI9 Core Science 1&2	✓		
ELECTIVE UNITS					
THE ARTS					
ART901 Art 1 Realism/Form & Texture		CER901 Ceramics/Sculpture 1		MUS901/902 Music	
DRA9 Drama		GRA9 Graphic Communication			
HEALTH & PE					
HEA9 Health		HFA9 Family Meals		HEN9 Entertaining	
LOTE					
GER901 German 1		GER902 German 2			
HUMANITIES					
GEO9 Geography 1					
TECHNOLOGY					
CRA9 Craft		INF9 Information Technology		WWK9 Materials-Woodwork	
STM9 Systems Technology- Mechanical		SEW901/902 Textiles "Sew Creative"			
MAE9 Materials- Engineering					

COPY

Instructions:

1. Choose the units you wish to study in Year 9.
2. Decide on your order of preference and write in next to the subjects the number of your preference. List from 1 for your first preference, 2 for next.....up to 8. Make sure you choose at least one subject from Arts and Technology. You should not choose more than 3 units from any LEARNING AREA.
3. **If you choose Languages that means you are choosing for both Semester 1 and 2.**
4. Please see Year 9 Level Manager with any questions.

STAWELL SECONDARY COLLEGE

YEAR 9 SELECTION SHEET FOR 2009

Selection Sheet 2

Student Name **Form 8**

CORE UNITS					
ENG901/902 Core English Semester 1&2	✓	MAT901/902 Core Maths Semester 1&2	✓	PEO901/902 Core PE Semesters 1&2	✓
COM9/HIS9 Core Commerce / History	✓	SCI9 Core Science 1&2	✓		
ELECTIVE UNITS					
THE ARTS					
ART901/902 Art Realism/Form &Texture		CER901/902 Ceramics/Sculpture 1		MUS901/902 Music	
DRA9 Drama		GRA9 Graphic Communication			
HEALTH & PE					
HEA9 Health		HFA9 Family Meals		HEN9 Entertaining	
LOTE					
GER901 German 1		GER902 German 2			
HUMANITIES					
GEO9 Geography 1					
TECHNOLOGY					
CRA09 Craft		INF9 Information Technology		WWK9 Materials-Woodwork	
STM9 Systems Technology– Mechanical		SEW901/902 Textiles “Sew Creative”			
MAE9 Materials- Engineering					

PRACTICE SHEET

STAWELL SECONDARY COLLEGE

YEAR 9 SELECTION SHEET FOR 2009

Selection Sheet 3

Student Name Form 8

CORE UNITS					
ENG901/902 Core English Semester 1&2	✓	MAT 901/902 Core Maths Semester 1&2	✓	PEO901/902 Core PE Semesters 1&2	✓
COM9/HIS9 Core Commerce / History	✓	SCI 9 Core Science 1&2	✓		
ELECTIVE UNITS					
The Arts					
ART901/902 Art Realism/Form &Texture		CER901/902 Ceramics/Sculpture		MUS901/902 Music	
DRA9 Drama		GRA9 Graphic Communication			
HEALTH & PE					
HEA9 Health		HFA9 Family Meals		HEN9 Entertaining	
LOTE					
GER901 German 1		GER902 German 2			
HUMANITIES					
GEO9 Geography 1					
TECH NOLOGY					
CRA9 Craft		INF9 Information Technology		WWK9 Materials-Woodwork	
STM9 Systems Technology- Mechanical		SEW901/902 Textiles "Sew Creative"			
MAE9 Materials- Engineering					

Please hand in your completed form to the General Office by Friday 12th September

I approve my son/daughter's subject choices.

.....signed parent/guardian