

Year 9 2022

Elective Choices



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South Grafton High School

EXCELLENCE AND INNOVATION

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Subject Selection

Students entering Year 9 are required to continue their study in:

- English
- Maths
- Science
- History
- Geography
- PDHPE

In addition to the above requirements you have the opportunity to study three (3) elective subjects in Years 9 and 10. These electives are spread across four lines, W, X, Y and Z, with PDHPE running within these lines to make up each student's fourth subject.

Guide to Selecting Subjects

When selecting the subjects you would like to study you should choose carefully. This is critical to your happiness at school, success in studies and the range of future vocational opportunities that will be available to you.

Think about:

- What subjects do you achieve your best in?
- What are the subjects you enjoy most?
- Which subjects might give you a 'taste' of senior courses?
- What do you hope to do when you finish school?

In making a selection it is **very important** for you to find out what subjects are being offered and what they are really about so you can make a sensible decision. **You will be in the electives you choose now for both Years 9 and 10.**

You should:

- read this prospectus
- talk to your teachers
- talk to Mrs Dewberry, the Careers Adviser
- discuss your choices with your parents

Do not choose subjects just because:

- your friends are choosing them
- your brothers or sisters liked or disliked them

Please choose six (6) subjects in order of your preference. We will endeavour to place you in as many of your first three selections as we can.

Please note that if insufficient students choose a particular subject, then that subject will not run.

The Choice Process

You will have a session in the Hall during **Period 3 on Wednesday 14th July** where the online process will be explained, with a demonstration of how to enter your choices.

On **Thursday 22nd July you will be allocated a session in a computer room so that you can complete your elective choices online.** A teacher will be there to assist you if needed and ensure you have correctly entered your choices.

Computer software will then take these choices and work out the most popular subjects that can run to ensure the most people get their higher preference subjects, and arranges them on the 4 lines (W, X, Y, Z). If your top preferences do not run or do not fit the lines, you will be allocated reserves on your list. Once the lines are built and you are allocated subjects, you will be given a confirmation sheet listing your subjects. This sheet then needs to be signed by you and your parent/carer and returned to school.

Restrictions on Industrial Technology

There are restrictions on how many courses of Industrial Technology you can complete in Years 9 and 10. Only **two** courses can be chosen out of Metal, Timber, Building & Construction and Multimedia.

Agriculture

Course information	
KLA	Science
Contact person	Mr Lehman/Mr Blundell/Mrs Rosenberg
Restrictions	None
Course cost	\$30 for specialist materials plus excursion costs each year

Course Description

The study of Agricultural Technology provides students with opportunities to experience aspects of an agricultural lifestyle through direct contact with plants and animals. The study of a variety of enterprises allows students to make responsible decisions about the appropriate use of agricultural technologies. Students explore career opportunities in agriculture and related service industries and investigate the viability of Australian agriculture through management of issues relating to the sustainability of agricultural systems, as well as the relationships between production, processing and consumption.

Year 9

- Introduction to Agriculture
- Plant Production 1
- Animal Production 1

Year 10

- Agricultural Systems & Management
- Plant Production 2
- Animal Production 2

Equal amounts of time will be spent on theory and practical.

PRACTICAL STUDIES

- Experiments and activities associated with the above topics
- Students will be responsible for their own area of soil (plot) in which to grow a large variety of vegetables
- Machinery maintenance and operation
- Care of poultry, sheep, goats, cattle and pigs

HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?

Assessment in Agriculture for both courses will be by:

- Practical Reports
- Topic Tests
- Practical Skills
- Assignments



ANTICIPATED EXCURSIONS AND APPROXIMATE COSTS

Most work in this subject is carried out in class and within the School Agriculture plot. However, there is usually ONE excursion each year - one day long - to visit local agricultural industries. Estimated cost = \$20 (mostly for bus hire).

Art

Course information	
KLA	Creative & Performing Arts
Contact person	Mr Neill/Miss Ryan/Ms Vogt/Ms Myles
Restrictions	None
Course cost	\$50 per year for specialist art materials

Course Description

This course is of 2 years duration and provides students with an introduction to, and experience in, a variety of art forms, media and art techniques. Students will be provided with the opportunity to explore their own creativity in a number of ways while developing the necessary skills required to produce art works of high quality. Areas that may be explored in the 2 years of the course include:

- Painting - canvas, board and paper
- Drawing - pastels, pencils (lead & watercolour), ink and crayon
- Printmaking - silk screen printing, etching and relief printing
- Mixed Media - collage, photocopier art, montage
- Sculpture - wire, clay plaster

Students will be introduced to art works from different cultures of the world - cultures from 2000 years ago and cultures from 20 years ago.

Presentation of students' work is an important component of this course. Ongoing exhibitions are considered a reinforcement of student talents and achievements.

HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE:

Students will undertake task that combine:

- Making of Art 60%
- Study of Art 40%

ANTICIPATED EXCURSIONS AND APPROXIMATE COST:

A field trip in the local area - approx \$15



Child Studies

Course information	
KLA	Technology & Applied Studies
Contact person	Mrs Wood/Mrs Ferris/Mrs Gordon
Restrictions	None
Course cost	\$20 for Virtual Babies + First Aid course costs

Course Description

The aim of this elective is to allow students the opportunity to develop and/or nurture an interest in learning about the development of children from preconception to starting school.

Students will develop knowledge and understanding of:

- Child development from preconception through to and including the early years
- Positive influences on the growth, development and wellbeing of children
- External factors that support the growth, development and wellbeing of children
- Skills in researching, communicating and evaluating issues related to child development

Students will value and appreciate:

- The role positive parenting and caring has on a child's sense of belonging and their health and well being
- The positive impact that significant others play in the growth and development of children

This elective provides the opportunity for students to experience 'Virtual Babies' and to undertake a First Aid course to gain a first aid certificate. As well as this students will be able to participate in practical activities such as designing and making a nutritious meal for toddlers, designing and making an appropriate toy and reading and appreciating children's books and other forms of media.

Child Studies may help students decide whether this is a career option for the future.

Student Assessment:

- Practical activities related to area of study
- Knowledge and application of related theory



Commerce

Course information	
KLA	HSIE
Contact person	Miss Carle
Restrictions	None
Course cost	May include excursion costs and/or guest speaker fees

Course Description

Choose this course to learn practical skills for life. It's all about:

- How to spend and save money – making your \$ work for you
- How not to get ripped off
- How to buy things
- Online safely
- Learn about advertising and buying on impulse
- How to get a job (full time or part time)
- How to buy a car
- How to prepare for moving out of home
- How to plan a holiday
- Learn about your rights and responsibilities as a citizen
- How does our legal system protect you

Commerce will provide students with the knowledge and skills to make informed decisions in the modern world of finance, employment, business and the law. They will gain skills, which will benefit them in the future. They gain practical skills for life.

Course content:

Choice of 2:

Consumer and Financial Decisions
 Law, Society and Political Involvement
 Economic and Business Environments
 Employment and Work Futures

Choice of 3:

Our Economy
 Investing
 Promoting and Selling
 Travel
 Towards Independence
 Law in Action
 Running a Business



Excursions are expected to take place throughout the course. These may include a retail excursion to a large Shopping Centre, Local Court and small businesses in Grafton.

Food Technology

Course information	
KLA	Technology & Applied Studies
Contact person	Mrs Wood/Mrs Ferris/Mrs Gordon
Restrictions	None
Course cost	\$65 per year for consumables

Course Description

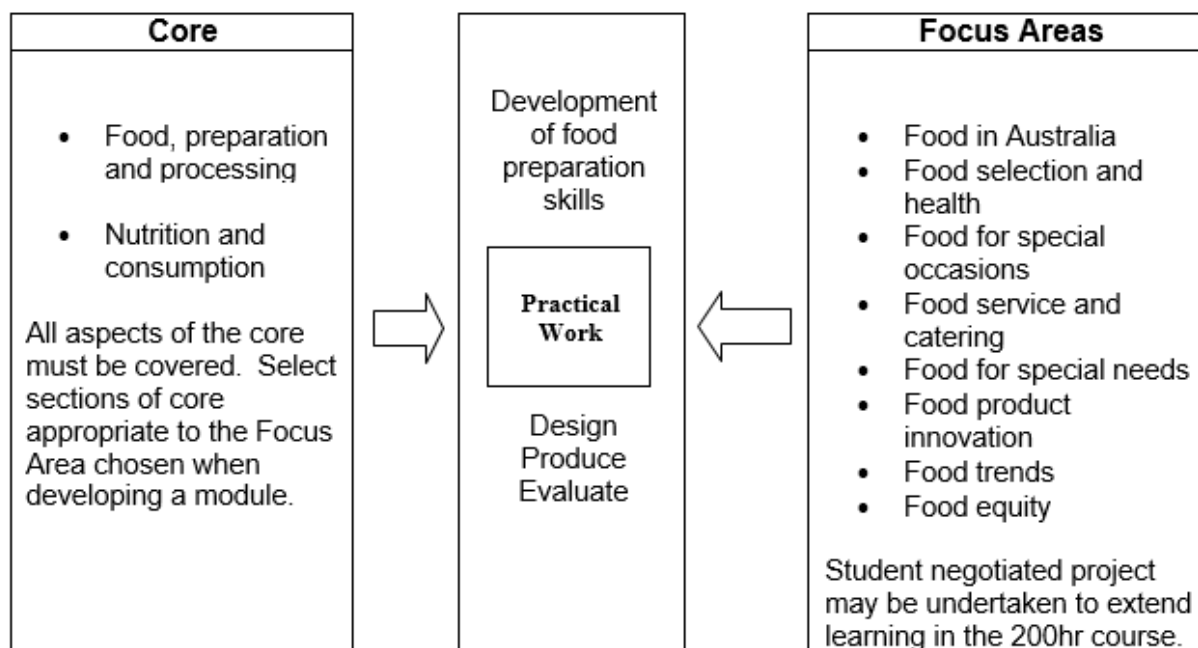
Why Food Technology?

Students become educated consumers of food and food products, enabling them to make informed food decisions for a healthy lifestyle.

Practical opportunities give students skills to prepare and present food that gives them the confidence to explore the pleasure and variety that food adds to life.

Students are given means to study food issues that are important to their well-being.

It is mandatory for students participating in Food Technology practical classes to have a clean white apron, sturdy shoes, hair tied back and no nail polish or jewellery.



HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE:

Assessment is ongoing throughout each semester and will include:

- Research Assessments
- Practical Assessments
- Practical Work
- Unit Tests and Exams



History Elective

Course information	
KLA	HSIE
Contact person	Ms Carle
Restrictions	None
Course cost	May include excursion costs and/or guest speaker fees

Course Description

Tired of learning certain topics in History just because you have to? Love studying History but just not what you are doing in class?

Have a special interest you want to learn more about but you just can't because there is no time in the course?

Then this subject is for you!

Elective History gives you an opportunity to study History for interest sake. If you enjoy learning about the past then this course is for you. This course helps you to build your problem solving skills and allows you to be further develop your independent research skills. No study of History would be complete without Historical investigation and you will have the opportunity to learn how to undertake an investigation effectively. This will help you perform better in compulsory History as well as Geography and English and in senior subjects HSIE offers.

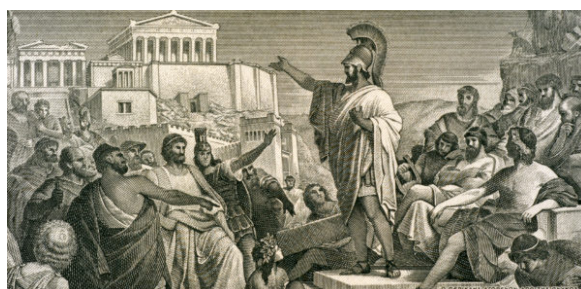
Course Content: Students study one option from each of Topics 1-3 and at least two other options from any of the topics during the two years of the course.

Topic 1: Constructing History – choose from: Archaeological sites, Biography, Family History, Film as History, Heritage and Conservation, Historical Fiction, Historical Reconstructions, History and the Media, History Websites/online Environments, Local History, Museum and/or Archives Studies, Oral History.

Topic 2: Ancient, Medieval and Early Modern Society – Choose from: Africa, The Americas, Asia, Australia, Europe, The Middle East, The Pacific.

Topic 3: Thematic Studies – Choose from: Continuity and diversity of Aboriginal cultures and histories, Economy and society, Children in history, Crime and punishment, Gender in the past, Heroes and villains, Music through history, Power and political unrest, Religious and spiritual beliefs/practices, Slavery, Sport and recreation in history, War and peace, World myths and legends

Excursions: While there are no mandatory excursions, it would be difficult to study History without participating in some excursions or site studies. These excursions would depend on the topics studied.



Industrial Technology – Building & Construction

Course information	
KLA	Technology & Applied Studies
Contact person	Mr Bruce/Mr Niemiec
Restrictions	See restrictions notes on page 4.
Course cost	\$50 per year for materials

Course Description

Building and Construction is a two year course for the motivated student who is interested in developing knowledge, understanding and skills in relation to the building and associated industries.

Students will be taught knowledge and skills in the use of materials, tools and techniques related to building and construction. These are enhanced and further developed through the study of specialist modules in:

- Construction and renovation
- Outdoor Structures and Landscapes

Practical projects will reflect the nature of the Building and Construction focus area and provide opportunities for students to develop specific knowledge, understanding and skills related to building and construction-related technologies. The practical experiences will develop knowledge and skills in designing, producing and evaluating. They may include:

- Construction of small structures
- Scale models
- Elementary repairs and renovations
- Development of garden and recreational areas
- Work undertaken on isolated building models and mock-ups

Projects will promote the sequential development of skills and reflect an increasing degree of student autonomy as they progress through the course.

How is student achievement assessed in this course?

- Practical Projects
- Practical Folio
- Research Assignments
- Written Examination



Industrial Technology – Metal

Course information	
KLA	Technology & Applied Studies
Contact person	Mr Bruce/Mr Martin/Mr McLaughlin
Restrictions	See restrictions notes on page 4.
Course cost	\$65 per year + material for any large job

Course Description

The Metal focus area provides opportunities for students to develop knowledge, understanding and skills in relation to the metal and associated industries.

This elective develops knowledge and skills in the use of materials, tools and techniques related to metal, Metal Machining and Fabrication.

Practical projects develop specific knowledge, understanding and skills related to metal-related technologies. These may include: Sheet metal products, metal machining projects (Lathe work) and fabricated projects (Welding & Riveting Brazing).

Students must undertake a range of practical experiences that occupy the majority of course time. To develop knowledge and understanding of and skills in designing, producing and evaluating.

Year 9 – Core Modules

- General Metal 1 & 2

Year 10 – Specialist Modules

- Metal Machinery
- Fabrication
- VET Manufacturing Pathways – Certificate I in Manufacturing

HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?

- Practical Work
- Examinations (theory and practical)
- Student Folio/Assignments



Industrial Technology – Multimedia

Course information	
KLA	Technology & Applied Studies
Contact person	Mr Bruce/Mrs Worthing
Restrictions	See restrictions notes on page 4.
Course cost	\$20 for specialist printing costs each year

Course Description

The Multimedia focus area provides opportunities for students to develop knowledge, understanding and skills in relation to multimedia. Multimedia can be described as works featuring one or more of text, graphic, video, animation, hypermedia (web) or audio media components.

Core modules develop knowledge and skills in the use of a range of media types which are enhanced and further developed through the study of specialist modules. Students often have the option to choose the media type they wish to specialise in.

Students undertake a range of **practical experiences and projects** that occupy the majority of course time. These experiences aim to develop knowledge and understanding of and skills in designing, producing and evaluating. **Projects** may include:

- Image manipulation portfolios and posters
- Music/audio and/or video productions
- Professional desktop publishing projects such as brochures incorporating graphical and textual content
- Animation and game creation
- Web pages with interactive elements
- User interface designs for computer and phone applications



Students will gain skills in the use of industry standard software packages including:

- Adobe Photoshop
- Adobe Flash Professional
- Adobe Captivate
- Adobe Dreamweaver
- Adobe InDesign
- Adobe Acrobat Professional
- Adobe Illustrator



HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?

- Participation in practical experiences
- Examinations (theory and practical)
- Digital student portfolios

Industrial Technology – Timber

Course information	
KLA	Technology & Applied Studies
Contact person	Mr Bruce/Mr Niemiec
Restrictions	See restrictions notes on page 4.
Course cost	\$65 per year for materials each year

Course Description

Industrial Technology develops students' knowledge and understanding of materials and processes in a range of technologies. They develop knowledge and skills relating to the selection, use and application of materials, tools, machines and processes through the planning and production of quality practical projects. Students may undertake one or two courses in Industrial Technology.

The Timber focus area is an interesting and challenging course for both boys and girls based on design and construction of both functional and attractive projects. This course in cabinet- making and wood machining is designed to teach students the correct use of hand tools whilst introducing the use of power tools such as the drill press, band saw, wood lathe, electric router and biscuit jointer to enable more complex projects to be constructed. Timbers used include radiata and hoop pines, Pacific maple, silky oak and Tasmanian Oak. This course is an excellent course for students who have enjoyed working with timber in years 7 & 8 and would like to follow this area of study into their HSC.

What will students learn about?

Practical projects undertaken reflect the nature of the Timber focus area and provide opportunities for students to develop specific knowledge, understanding and skills related to timber-related technologies.

What will students learn to do?

Beginners projects include a desk organiser, magazine rack, tool boxes, stools and turned projects such as bowls and egg cups.

Continuers complete more complex projects such as a three-legged regency table with turned central stem, a bedside table including drawer and a pendulum wall clock with a pendulum movement.

Course requirements: display folder for assessment tasks / A4 workbook / pencil or clutch pencil / blue apron.



Information Software Technology

Course information	
KLA	Technology & Applied Studies
Contact person	Mr Bruce/Mrs Worthing
Restrictions	None
Course cost	None

Course Description

This course introduces students to how computers act as problem solvers for people. It is project based learning where students develop skills and understanding through using computers and technology. Topics include:

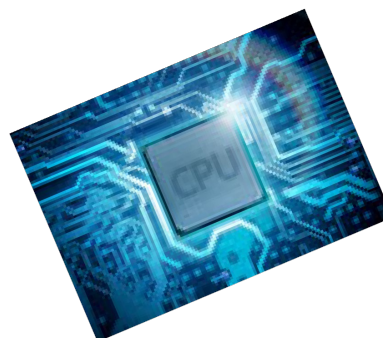
- Hardware
- Issues
- Software
- People
- Artificial Intelligence, Simulation and Modelling
- Digital Media
- Robotics and Automated Systems
- Software development and Programming
- Authoring and Multimedia
- Networking Systems
- Internet and Website Development
- Database Design
- Past, Current and Emerging Technologies
- Data Handling
- Design, Produce and Evaluate



Students develop competence and confidence with computers and issues related to their use.

All students will be engaging with computer technology in their future workplaces and this course helps develop greater understanding of computing technology.

Students are assessed through project work, assignments and exams.



Japanese

Course information	
KLA	LOTE
Contact person	Mrs Lancaster
Restrictions	None
Course cost	None

Course Description

The study of Japanese provides access to the language and culture of one of the global community's most technologically advanced societies and economies. Students engage with elements of modern Japan, including popular culture such as anime, manga, music and fashion, as well as with the rich cultural tradition of this part of Asia. Students develop an appreciation for the place of Australia within the Asia region, including the interconnections of languages and cultures, peoples and communities, histories and economies.

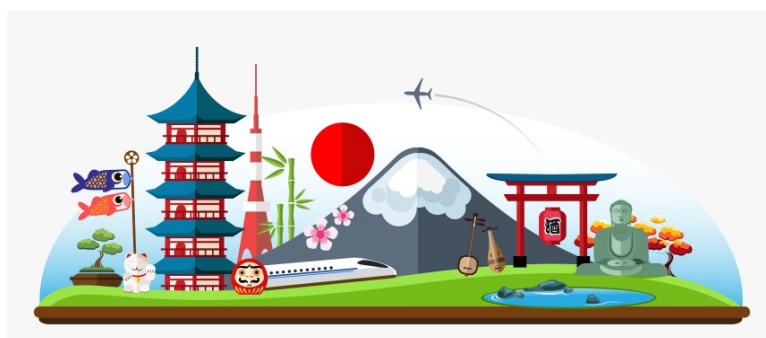
Our focus will be on daily conversation, some basic Japanese writing scripts, Japanese traditional craft and food.

Course requirements

- You are interested in other cultures
- You are willing to practise, taste and speak

Why study a language other than English?

- Australia is a multicultural country
- There are lots of career opportunities for people with a second language, in hospitality, diplomacy, travel, banking, overseas study, fashion
- Studying a language improves your English literacy skills and understanding



Marine Studies

Course information	
KLA	Science
Contact person	Mr Blundell/Mr Doerner/Mrs Jelinek
Restrictions	None
Course cost	\$30 for specialist materials plus excursion costs each year

Course Description

Marine Studies is designed to increase awareness of the oceans and river estuaries in our area. Students will gain skills and knowledge on marine environments, water safety and the influence/effect of man over the marine ecosystems. Of particular emphasis will be the study of local marine systems and how we utilise them.

COURSE CONTENT CAN INCLUDE:

- Core 1 & 2 (includes mandatory pool swimming assessment)
- Basic Snorkelling
- Dangerous Marine Creatures
- Fish Harvesting
- Introducing Estuaries
- Fish Biology
- Marine Mammals
- Aquariums
- Rock Platforms
- Growing Crustaceans

The course has an anticipated large practical component that requires water competence and excursions to marine environments. The excursions will form an **essential** part of the course. Do not take the course if you have difficulties in the water or you are not prepared to participate in the excursions.

HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?

Assessment in Marine Studies will be by:

- Practical Reports
- Class Tests
- Practical Skills/Water Safety
- In class presentations
- Assignments



ANTICIPATED EXCURSIONS AND APPROXIMATE COST:

Pool for mandatory water component – pool entry cost.

A field trip in the local area – approximately \$20

Seaworld – approximately \$100-120

Music

Course information	
KLA	Creative & Performing Arts
Contact person	Mr Brunton/Mr Neill
Restrictions	None
Course cost	\$10 for material costs each year

Course Description

The course is of two years' duration and focuses on students increasing their overall involvement in and understanding of music. This is achieved through students gaining practical experience of performance, composition and listening to music.

Students will be able to experience a broad range of musical styles from various times and cultures. All students will gain increased skills in keyboard, guitar, bass and drums. Students will be encouraged to gain the broadest range of musical experiences the school and wider community can provide with an emphasis on developing their skill sin performance on band, orchestral and other instruments, as well as solo and ensemble singing.

HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?

	Year 9	Year 10
• Performance	40%	40%
• Composition	30%	30%
• Essay/discussion (viva voce)	20%	25%
• Aural tasks	30%	30%



Photography

Course information	
KLA	Creative & Performing Arts
Contact person	Mr Neill/Ms Vogt/Ms Myles
Restrictions	None
Course cost	\$60 per year for specialist photo materials + excursion costs

Course Description

This course aims to provide interested students with the fundamentals of all aspects of wet and digital photography.

The two years of study includes:

Pinhole camera	Manipulation processes and the negative image
Depth of field	Kaleidoscope and solarization
History of photo	Texture and lith film
The darkroom	Photographic styles
Darkroom theory	Bas relief toning
Introduction to digital media	Manipulation of digital images

The course is mainly of a practical nature, however there are important sections of theory and research. Students will need a book or folder for theory and may also choose to buy a black page art book to display their photos. Having a camera at home makes homework easier, though it is not essential to own your own camera.

During the course students will be using cameras, darkroom equipment and chemicals, which require a responsible and careful approach.



HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?

Year 9	History of Photography	20%
	The Darkroom set of 6 photos	30%
Year 10	Modules 6-9 Set of Photos	30%
	A modern photographer	20%

Physical Activity & Sport Science (PASS)

Course information	
KLA	PDHPE
Contact person	Mr Smith
Restrictions	None
Course cost	None

Course Description

This course is for students who wish to build on the knowledge and skills gained in 7-10 PD/Health and PE lessons. There are theoretical and practical components that relate to our lifestyle and investigate the effect of technology on sport and sports performance. This course will development a students, skills and understanding of fundamental movement skills, science in sport as well as regularly engaging in the benefits and enjoyment that Sport and Physical Activity brings.

Students are expected to wear SGHS PE Uniform to all practical lessons.

This course is made up of 40 hours of core modules and 160 hours of options over 2 years. Students are able to specialise in areas of interest, enhancing skills and fitness levels through participation. It is intended that students will recognise the importance of physical activity in a healthy lifestyle.

Core modules (40 hours):

- Structure & function of the human body
- Science of movement
- Sport in Australia

Optional modules (160 hours):

- Technology in exercise and sport
- The Olympics
- Sports event management
- Sport groups with special needs
- Fitness assessment
- Sports issues
- Outdoor Education & Camp (biannually)
- The fitness industry
- Preparing for sports performance
- Performance appraisal
- In-depth study of a sport
- Sports coaching
- Leadership



HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?

Each unit of work is assessed. Practical components have a movement assessment involved - weighting is towards the practical component of this course.

ANTICIPATED EXCURSIONS AND APPROXIMATE COST:

The possibility of a Sport & Rec Camp (approximate cost \$300 - \$400). Local excursions related to the options chosen will be scheduled at minimal costs. Students will be required to wear correct sports uniform during all practical lessons.

Textile Technology

Course information	
KLA	Technical & Applied Studies
Contact person	Mrs Wood/Mrs Ferris/Mrs Gordon
Restrictions	None
Course cost	\$40 per year for materials

Course Description

Why do Textiles and Design?

If you have a flair for fashion or a creative streak and like working with textiles.

Students can study a range of creative and interesting topics including:

- Costume – masks, folk costumes, fancy costume, dance costume
- Non-Apparel – toys, bags, book cover, tents
- Furnishing – cushions, curtains, lampshades, quilts, beanbags, bed linen
- Apparel – hats, belts, jewellery, shoes
- Textile Arts – embroidery, knitting, crochet, wall hangings, beadwork

The course enables students to use a range of textile products suited to their projects. They will develop and understanding of properties and performances of specific fibres/yarns/fabrics.

Students can negotiate an independent project from a focus area of interest at any time during the course

HOW IS STUDENT ACHIEVEMENT ASSESSED IN THIS COURSE?

- Folio work
- Practical Activities and Projects
- Research Assessments
- Unit Tests and Exams



Visual Design/Ceramics

Course information	
KLA	Creative & Performing Arts
Contact person	Ms Vogt
Restrictions	None
Course cost	\$50 per year for specialist ceramics materials

Course Description

This course aims to make you an independent maker of artwork, by learning techniques and looking at artworks from other times and places.

What types of design will be emphasised:

- Ceramics – Slip Cast Production Ware
- Jewellery – Wire, Beading and Resin
- Cartooning
- Illustration

The emphasis will be on designing and making practical and usable items.



Course Planner

Once you have chosen which courses you would like to do, write them in the spaces below.

Bring this page to school on Thursday 22nd July to help you enter your choices online in your allocated session.

Name: _____

Elective courses I would like to do in both Years 9 & 10 (in preference order):

1.	2.	3.
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Reserve choices:

4.	5.	6.
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Please hand this sheet to the teacher when you have finished entering your selections on the computer.