Dear Parents/Guardians

In the second half of Year 8 students make decisions regarding subject choice for Years 9-10.

There are certain subjects which are compulsory. All students must study English, Mathematics, Science, Geography, History and Personal Development, Health and Physical Education. In addition students must choose three elective subjects from the wide range.

Information about all the elective subjects is contained in this booklet. If students have further questions concerning particular subjects they should be addressed to the appropriate Head Teacher or teacher. The Careers Adviser is also able to answer questions which you may have concerning careers.

Please note that participation in some electives will involve a financial contribution to meet the costs of materials which each student will use. Details are provided in the information on each subject. The Student Assistance Scheme is available to support parents who have difficulty making these payments for elective subject materials. Some subjects are available which have no subject material contribution.

REASONS FOR CHOOSING SUBJECTS:

When deciding which elective to choose students should think about:

- Which subjects am I interested in?
- Which subjects do I think I will succeed in and be good at?
- Do I enjoy practical (hands-on) type subjects?
- Do I want to learn a language (perhaps to help me to travel in the future)?
- How will this subject help me in the future?
- What skills will I learn in this subject?
KEY LEARNING AREA: HUMAN SOCIETY AND ITS ENVIRONMENT

COMMERCE

Commerce is a part of our everyday life. It is not about book-keeping or accounting but is an activity-based course aimed at coping with modern living.

Every day we are bombarded with information about new taxes, interest rates, the cost of living, law reforms, government decisions and the changing role of work.

What does it all mean? In Commerce we investigate the role of government, how to earn an income and the best ways to satisfy more of our wants.

We will invest in the sharemarket, start a business, look into the problems of leaving home, design logos and advertisements, consider electronic banking, study current newspaper articles and current affairs television shows and role play court cases.

There will also be excursions to businesses, the courthouse and the shopping centre as well as activities using the computer and internet to prepare brochures and business plans and to play the share market game.

Head Teacher: S Howarth (Rlg Head Teacher)
KEY LEARNING AREA - LANGUAGES OTHER THAN ENGLISH

The study of another language is becoming more important in the job market, as it provides students with an additional skill. Australia needs workers with abilities in languages for many different occupations.

**JAPANESE**

**Aims of the Course:** Students will learn to communicate in Japanese. This will include revising Year 8 hiragana script and learning katakana and kanji scripts. Students will benefit from learning an Asian language (with many script similarities to Chinese) and developing an appreciation of an Asian culture. Overall course components are reading, writing, listening, speaking and culture.

**Content of the Course:** Topics covered in the course will deal with everyday life from personal details to school life, leisure time, shopping and travelling within the context of the Japanese culture. Excursions will enhance students’ appreciation of Japan, and there will be the opportunity to meet high school aged Japanese visitors to our school.

**Subject Material Contribution:** $30 covers the Japanese workbook and various cultural experiences such as Japanese snacks, origami and brush calligraphy. Excursions and other optional activities will require additional minimal charges.

**Head Teacher:** P Low  
**Contact Teacher:** R Alliband

**GERMAN**

**Aims of the Course:** Students will be able to understand spoken German, express ideas orally and read and write in German within the range of topics studied. They will benefit from studying a major world language involving trade, culture, scientific and technical links between Germany and Australia. Germany is now a leading nation in the research and production of pharmaceuticals, optics and motor vehicles etc.

**Content of the Course:** Topics covered in the course deal with everyday life including school life, leisure time, shopping and travelling. There will be cultural activities and opportunities for student exchanges. Excursions are held to enhance students’ understanding of their course work and cultural activities. The excursion to the Lowenbrau German Restaurant in Sydney is one example.

**Subject Material Contribution:** $15 per year covers the cost of the German workbooks.

**Head Teacher:** P Low  
**Contact Teacher:** K Starr
KEY LEARNING AREA - CREATIVE AND PERFORMING ARTS

CIRCUS

Students will develop a range of skills including uni-cycling, acro-balance, juggling, comedy, stilt walking and aerial acrobatics.

The theoretical component requires the students to research circus troupes on the internet, keep an email diary with a member of another troupe, write articles for the local paper and scripts for performances. Students will design and make costumes as well as create their own character for performance. They are required to keep a diary for research and design which is assessable. Students will also learn some conversational French.

Practical assessment is skills based and there are levels of achievement. Performances are also assessable.

Each student is required to join the Kelso High Campus circus troupe (Cirkus Surreal) and perform publicly. Students are also required to sign a performance contract and a media release form due to the high level of media attention the troupe attracts. They will be given the opportunity to work with performers from professional troupes.

Students may continue their circus study in Years 11-12 at Kelso High Campus through the Sport, Lifestyle and Recreation course. If they wish to study at a tertiary level, they can study at CSU or at the National Institute for Circus Arts in Melbourne (Degree in Circus).

Subject Material Contribution: $30 covers basic equipment, however workshops will be offered on some weekends and school days, which will have a minimal charge and the occasional excursion to see other troupes such as Cirque du Soleil.

Students may do both Drama and Circus Skills, as the courses are different but for the year 10 Record of Achievement (RoSA) students will only receive one grade which will be determined from the student's work and achievements in both courses.

Head Teacher: S Ash
Contact Teacher: S Brown

DANCE

Content of the Course: This course will cover a combination of theoretical and practical work in three areas of dance; performance, composition and appreciation. The emphasis is on performance and every student will be expected to perform in front of an audience.

Students will develop confidence in a number of dance styles through participation in dance class and performance. Classical ballet, modern dance, jazz, Latin American and various ethnic styles of dance will be explored as well as musical theatre skills. Students will have various opportunities to choreograph their own dance works through the study of these dance forms and the use of the elements of dance. This study will relate directly to the appreciation of the different dance disciplines, and learning to make informed judgments and decisions about dance and its different forms.

There will also be an ICT component which focuses on studying dance in technological and digital forms including the study of dance films.

Some of the events that students may have the opportunity to participate in are the Shakespeare Festival, The Western Region Dance Festival, School Spectacular, various Cirkus Surreal performances and Kelso High Performing Arts Night. Some of these events may, when the
opportunity arises, be included as part of assessments. Students will also view professional dance performances and learn to appreciate dance as an art form.

**Subject Material Contribution:** $12 to meet costs of materials needed.

**Head Teacher:** S Ash  
**Contact Teacher:** J Starkey

### DRAMA

**Aims of the Course:** This course will cover three main areas - Making, Performing and Appreciating Drama. Students will develop skills and knowledge over the two years which will not only assist them in other subjects, but are essential for the Preliminary and HSC Drama course.

Drama encourages a cooperative and self-disciplined approach to work through both individual and group tasks. In collaboration with peers, students are required to devise original pieces of theatre using a range of ideas and concepts. These creative processes – writing, work-shopping and rehearsal – and the performances of these tasks are of equal value.

Through both theory and practical tasks, students will develop an appreciation of different forms of theatre and performing styles including mime, melodrama, Commedia dell’ Arte, comedy, slapstick, Shakespearean and indigenous theatre. Students also learn about aspects of technical production and the elements of drama.

Written tasks are an essential part of this course with particular emphasis being placed on the Drama Logbook. Students must maintain regular, detailed logbook entries to successfully complete this course as this develops their skills in written analysis, self-expression and reflection.

Students may have the opportunity to attend professional productions. The cost of these performances is subject to change.

**Head Teacher:** S Ash  
**Contact Teacher:** V Williams

### MUSIC

**Aims of the Course:** To give students a wide experience of different musical styles through performance, composition, musicology and aural.

**Outcomes:** By the end of the course the student will be able to read and write musical notation, respond musically to different styles of music, perform a repertoire of differing styles of music and show understanding of the history and makeup of the different styles.

**Content of the Course:** Various styles of music will be studied with a focus on Australian music. All learning experiences are equally weighted throughout Year 9 and Year 10.

This course is seen as the foundation for further study in Years 11-12, but also stands alone as a course which broadens a student’s cultural horizons.

All students will be required to perform to the class on a regular basis.

**Subject Material Contribution:** $10 to meet costs of materials needed.

**Head Teacher:** S Ash  
**Contact Teachers:** C Clulow / K Starr / W Murphy
VISUAL ARTS

**Aims of the Course:** The course aims to encourage students to be aware of the many forms of art which surround them in their everyday life through observation of artists at work and through experimentation with various media.

**Prerequisites of the Course:** An appreciation of art, enjoyment, creative urge, imaginative minds and hands, quest for adventure and problem solving.

**Content of the Course:** Course content involves a diversity of art forms including sculpture, drawing, painting, printmaking, photography, ceramics, and may include such areas as art wearables, animation, computer graphics and jewellery. Students will explore artworks from different cultures and the importance art plays to these cultures. Students will have the opportunity to develop their own artistic point of view and express their own individual personality.

The Visual Arts Diary (VAD) will be used by students to record and reflect on artistic experiences. It is also used to accumulate information on artists and their techniques to help enhance their understanding and making of art. Students will also have the opportunity to visit local galleries to view current exhibitions. Students should take note that the theory / practical component for this course is 40 / 60.

**Subject Material Contribution:** $45 per year to meet the costs of materials used and consumed by each student.

**Special Requirements:** Students will need to purchase their own art diary (either through the school or externally). Students will also need a range of lead pencils and may consider purchasing their own paint brushes.

Head Teacher: S Ash
Contact Teacher: S Ash

VISUAL DESIGN

**Aims of the Course:** This course can be considered similar to Visual Arts, however, designed forms are predominately studied in this course. The following are some of the practical areas which may be experienced:

**Print** – multimedia, visual image in advertising, conventions and application of illustration / cartooning, visual semiotics (text, font, lettering), the application of visual images in print (posters, post cards).

**Object** – the body as site for visual design (jewellery, wearables), iconic symbols, ceramic ware, fabric, theatrical applications of visual design, containers as a site for visual design.

**Space – time** – interactive visual design artworks, video / animation, architectural considerations of interior and exterior spaces, site-specific installations and exhibitions, the environment as a stimulus for visual design.

**Content of the Course:** Through practical artworks, students will explore a range of ideas and interests in the world, and select, apply and utilise a range of materials and techniques to make visual design artworks. Students will develop a folio of work across the broad areas of print, object and space-time. Theory work will closely relate to practical work, with students looking at cultural and environmental influences, audience responses, how art designs are made, the artist (designer) and their art making (designs).
PHOTOGRAPHIC AND DIGITAL MEDIA

Aims of the course: This course aims to encourage students to use a variety of photographic and digital media which plays an essential part in the contemporary art-world. With the evolution of digital technologies, the nature of photographic practice has altered with new practices being explored.

This course may include, but is not limited to, the following Photographic and Digital Media areas: wet photography (darkroom), digital photography, manipulated images, installations, inter-actives, internet art, games, video and animation.

Students will use a journal to document and explore ideas and interests, experiments with materials, techniques and technologies and to record relevant technical information.

As the course progresses, students will build a portfolio using a range of photographic and digital equipment and techniques and various investigations of the world.

In studying about photography and digital media, students will investigate relevant events, photographers, artists, designers, agencies and critical accounts of photographic, digital media practice and a brief history of photography.

Subject Material Contribution: $50 per year to meet the costs of materials used and consumed by each student.

Special Requirements: Students will be supplied with a journal when they pay their subject contribution for this course. Students will have access to a digital camera, however, it would be beneficial if students had their own digital camera.

Head Teacher: S Ash
Contact Teacher: B Taylor
KEY LEARNING AREA - PD/HEALTH/PE

PHYSICAL ACTIVITY and SPORTS’ STUDIES

Aims of the Course: This course is designed for students with a genuine interest in physical activity and the human body. The course gives these students the opportunity to study Physical Education and Sport in greater depth. It is designed to supplement and enrich the students’ core, practically based, Physical Education program by:

(a) providing students with the opportunity to learn of the importance of exercise, the role of sport in society and their relationship to human movement;
(b) encourage students towards lifelong participation in sporting, recreational, social and leisure time activities.

Content of the Course: Year 9 - Factors affecting performance; basic anatomy; body systems; Olympic Games; sport in society; recreation / lifestyle; body movement; fitness; history of sport in Australia. Sports will also be examined, for example badminton, orienteering, indoor hockey, lifesaving, golf, handball, sof crosse, touch.

Year 10 - Nutrition; coaching techniques; organising tournaments; biomechanics of sport, sport and injuries, sport performance; sport in Australia; rules and referees; sports administration. Sports examined include indoor cricket / soccer, table tennis, golf, lawn bowls/indoor bowls, badminton, lifesaving. Sports Fun Leadership/Coaching course is offered during Year 10. The material covered over the two years will be valuable for students entering Year 11 wishing to do 2 Unit PD/Health/PE as it gives them an insight into the content.

Subject Material Contribution: $25

Head Teacher: R Bolus
Contact Teacher: R Bolus

CHILD STUDIES

Aims of the Course: Child Studies aims to develop in students the knowledge, understanding and skills to positively influence the wellbeing and development of children in the critical early years in a range of settings and contexts.

Content of the Course: Modules will be chosen from study from the following list: Preparing for parenthood, Conception to birth, Family interactions, Newborn care, Growth and development, Play and the developing child, Health and safety in childhood, Food and nutrition in childhood, Children and culture, Media and technology in childhood, Aboriginal cultures and childhood, The diverse needs of children, Childcare services and career opportunities.

Head Teacher: R Bolus
Contact Teacher: J Foster
KEY LEARNING AREA - TECHNOLOGICAL AND APPLIED STUDIES (TAS)

AGRICULTURE

Aims of the Course: The study of Agriculture is concerned with the production of plants and animals to meet people’s needs, be it for food, clothing, shelter or pleasure. Students will develop practical skills in the growing of plants and tending of animals while learning about the management factors which affect production. The Agriculture course provides students with a sound basis for either:

- following a practical career in agriculture
- continuing agricultural studies in senior years

Content of the Course: Throughout Years 9 and 10, students will have the opportunity to participate in a range of animal and plant agricultural activities. Some units of work will reflect the main enterprises carried out in the Bathurst district. Throughout the whole course, students are made aware of the need to consider the environment, and to develop sustainable agricultural practices.

Special Requirements: Students electing Agriculture will be expected to participate in all practical activities. Because of the practical nature of the subject, solid footwear is required.

Subject Material Contribution: $10 to meet costs of materials needed.

Head Teacher: S Fitzpatrick
Contact Teacher: S Behan

INFORMATION and SOFTWARE TECHNOLOGY
(Computer Digital Media)

Aims of the Course: This subject is designed for students who have a genuine interest in the use of computers in real world situations. It adopts a problem solving and critical thinking approach to developing technological solutions to described problems.

Content of the Course: The subject will be presented through various topics. These include:

- Understand hardware and software
- Authoring and Multimedia (Flash animation, video creation, “app” creation)
- Database Design (especially relational databases)
- Internet and Website Development
- Network Systems
- Digital Media (graphics, animation, audio)
- Software Development and Programming

A practical approach is adopted whereby the above topics are presented as a project and students will use a variety of computer software and hardware resources to develop practical and functioning solutions.

This course is designed primarily as a two year course of study and provides a valuable stepping stone to later Preliminary and HSC courses in Multimedia and Software Design and Development.

Subject Material Contribution: $12 to meet the costs of materials and consumables

Head Teacher: P Low
Contact Teacher: T Gunter
FOOD TECHNOLOGY

Aims of the Course: To challenge all students through the study of food and food technologies in an enjoyable and relevant way. Students who undertake this course will gain a valuable insight into the role of food in the lives of all Australians.

Content of the Course: Students will be completing at least 4 units over a 2 year period. In Year 9 - Food Selection and Health, Food in Australia and in Year 10 - Food for Special Needs, and Foods for Special Occasions. Practical activities are included in each unit of work.

Subject Material Contribution: $88 for each year to meet the costs of materials used and food consumed by each student. This is $22 per term and needs to be paid by students to be involved in practical lessons.

Special Requirements: - Shoes which fully cover the foot and are part of the school uniform.  - Containers to take food home or 60 cents to purchase a container.

Head Teacher: S Fitzpatrick

GRAPHICS TECHNOLOGY (including GRAPHICS & C.A.D.)

Aims of the Course: To introduce students to the world of graphical communication. Graphics was the original “language” of the world and now plays an even more vital role in the global communication of ideas, information and technology.

Content of the Course: Students will learn the basic skills and techniques associated with a range of drawing styles, including engineering drawing, architectural drawing, color graphics and rendering, pictorial drawing (perspective, isometric) and solid geometry.

‘COMPUTER Assisted Design’ (C.A.D.) which is used in most professional areas, will be used, utilizing the schools ‘IBM’ computers and ‘Auto CAD’ and Pro desktop software.

This course is ideal for those students who may wish to enter the engineering or design professions, the trades (drawing is essential in all trades), or for those who want to understand the language of technology. Students should consider combining Graphics Technology with one of the other technology subjects.

Subject Material Contribution: $5 to meet the costs of materials used and consumed by each student. This will cover paper, colored pencils and crayons.

Special Requirements: Students will need a folder and drawing instruments including compass, squares, pencils, eraser. This will cost approximately $35 and will remain the property of the student. These can be purchased from the school at the beginning of the year.

Head Teacher: S Fitzpatrick
TEXTILES TECHNOLOGY

Aims of the Course: To develop in students, proficiency in the design, production and evaluation of textile items through the manufacture of practical projects and study of the Properties and Performance of Textiles, Design and the Role of Textiles in Society.

Content of the Course: Project work forms the basis of the course. This includes the manufacture of practical items and the production of supporting documentation. Students will gain the skills and knowledge necessary to design and make a variety of quality and creative textile items such as clothing, furnishings, costume and textile arts over the two-year course. Study of Design includes the practice of textile designers, design elements and creative processes, factors affecting design and methods of applying color and decoration to textiles. The Properties and Performance area of study focuses on the properties of textile items, fibres, yarns and fabrics and the ways in which they perform. The Textiles and Society area of the course examines textiles and design from a historical, cultural and contemporary perspective.

Subject Material Contribution: $15 per year

Special Requirements: Students must provide the majority of materials (eg fabrics, thread, pattern) required for project work and will be notified of these requirements.

Head Teacher: S Fitzpatrick

INDUSTRIAL TECHNOLOGY - ELECTRONICS

Aims of the Course: To introduce students to the world of electronics so that they may better understand modern technology and participate in its future evolution.

Content of the Course: Students will be introduced to: basic electric/electronic theory, simple circuits, electronic components and their uses, simple circuit construction including veroboard and printed circuit construction, use of multimeters, testing of simple circuits and the use of semiconductors (simple theory). Students in Year 9 will construct simple projects both from kits and from basic circuits. Projects could include simple vero projects e.g. continuity testers, doorbells, flashing lights, skill games, car battery testers and others. In Year 10 students will construct more difficult standard projects and one of their own choice. This course is interesting and challenging as well as fun but it requires attention to detail and discipline. For those who do well, it could lead to a career in any of the many electronics occupations.

Subject Material Contribution: $40 to cover the cost of materials used and consumed by each student. In Year 10, students will have to purchase the components needed for their major project in Semester II.

Special Requirements: Students must accept the need for safe and disciplined behaviour and be prepared to accept all workshop safety rules. The provision and wearing of Personal Protective Equipment is compulsory.

Note that students can only study a maximum of two Industrial Technology courses.

Head Teacher: S Fitzpatrick
INDUSTRIAL TECHNOLOGY - ENGINEERING

Aims of the Course: To introduce students to the world of engineering materials and engineering principles and processes.

Content of the Course: Students will be introduced to a wide variety of materials used in engineering, and investigate their application through the research and construction of a variety of practical projects. Materials considered include metals and alloys, polymers, ceramics and concretes, and composite materials. Through studying engineering principles students will undertake experimentation and research into the effects of forces on structures, the principles of simple machines such as gears, levers, and cams. Later topics will include robotics, hydraulics and control systems, together with means of harnessing energy from various sources including wind and solar.

This is a highly practical subject with most of the content being delivered through project work. Exposure to computer applications and CAD drafting software is guaranteed. Students displaying organization and self-discipline will have the opportunity to pursue areas of personal interest.

This subject will provide a very solid background to students interested in studying Engineering Studies in the HSC and pursuing an engineering based career.

Subject Materials' Contribution: $35 to cover the cost of materials. More elaborate individual projects may require additional purchases (eg electric motors, pneumatics).

Special Requirements: Students must accept the need for safe and disciplined behavior and be prepared to accept all workshop safety rules. The provision and wearing of Personal Protective Equipment is compulsory.

Note that students can only study a maximum of two Industrial Technology courses.

Head Teacher: S Fitzpatrick

INDUSTRIAL TECHNOLOGY - METAL

Aims of the Course: To introduce students to the basic metalworking skills of fitting, machining, welding, brazing and soldering, fabrication and casting.

This challenging but interesting course is becoming popular for students as they see the demand for skilled metal trades persons and engineers grow.

Content of the Course: Students will be introduced to the above skills through a range of small projects in Year 9. In Year 10 a standard project will be completed, and students may have the opportunity to undertake a project of their choice to finish the course. This course will serve as a good introduction to the Metals and Engineering course in Years 11-12. Skills encountered will include the use of hand and power tools, fabrication and fitting, machining (including lathe and milling work) and welding and brazing.

Subject Material Contribution: $50 to meet the costs of materials used and consumed by each student. In Year 10 students will have to meet the costs of materials for their major project.

Special Requirements: Students must wear appropriate clothing and be prepared to adhere to all safety regulations and behave in a disciplined and safe manner. The provision and wearing of Personal Protective Equipment is compulsory. Students are to provide overalls and leather work boots.

Note that students can only study a maximum of two Industrial Technology courses.

Head Teacher: S Fitzpatrick
INDUSTRIAL TECHNOLOGY - TIMBER

**Aims of the Course:** To introduce students to the world of woodworking including basic cabinetwork, woodturning and woodcraft. Students will also learn about the application of a variety of wood finishes.

**Content of the Course:** Students will learn the characteristics of the commonly available timbers and boards, the skills involved in the preparation of timber, cabinet making skills, wood turning skills and the safe use of a range of power tools. The course has a theory component.

This very popular course can lead to a wide range of trade and allied occupations. It will also serve as an introduction to the Construction course in Year 11-12, which will gain the students trade and TAFE accreditation. It also provides a good background to the HSC course Industrial Technology Timber. Students will construct a range of small projects in Year 9 and may undertake a major project in Year 10 which will cater for individual needs and interests.

**Subject Material Contribution:** $60 to cover the cost of materials used and consumed by each student. Each student is also responsible for the cost of materials for their major project in Year 10.

**Special Requirements:** Students must be prepared to adhere to all safety rules, wear appropriate clothing and behave in a disciplined and safe manner. The provision and wearing of Personal Protective Equipment is compulsory.

Note that students can only study a maximum of two Industrial Technology courses.

**Head Teacher:** S Fitzpatrick