



ST. PHILIP'S COLLEGE

YEAR 9 – 2017

ELECTIVE HANDBOOK

INFORMATION FOR PARENTS AND STUDENTS

All Year 9 students will do four elective subjects. Most of the elective subjects will be studied for one semester. These subjects will supplement the core subjects of English, Mathematics, Science, History, Geography, Physical Education and Health.

All the available elective subjects are described in the following pages. All subjects are offered for selection by students, but only those subjects chosen by enough students will appear in the final timetable. This means that if not enough students choose a particular subject, it will be withdrawn as an available elective.

Students will be placed in their elective subjects according to their order of preference on their subject selection form. For this reason, it is important that you list your preferred subjects in order from 1 to 10.

The elective subjects that a student does at Year 9 are generally not considered as prerequisites for subjects done in later years. The only real exception to this is French and Japanese. If you wish to do either of these subjects in Year 10, it is strongly recommended that you do the subject in Year 9.

At the end of Year 12 most students who qualify for their Northern Territory Certificate of Education and Training (NTCET) will also receive an Australian Tertiary Admission Rank (ATAR). This will be used by the universities to determine which students they accept into the courses they offer. Various universities also offer bonus points if students do particular subjects at Year 12 level. At this stage it is important to recognise that some universities currently offer bonus points for students who do a language.

Should you have any questions with regard to any of the subjects, please feel free to contact the appropriate Head of Department or myself.

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YEAR 9 AVAILABLE ELECTIVE SUBJECTS

Applied Technology - Design and Wood Course

Applied Technology - Design and Metal Course

Computing Studies

Dance

Drama – Performance and Technical

Food Technology

French (Both Semesters)

Horticulture

Japanese (Both Semesters)

Music and Media

Music – Performance

Outdoor Education

Photography – Digital

Science and Engineering Projects

Sculpture

Sports Science

Textile Design

Visual Arts

Applied Technology - Design and Wood Course

The Design and Wood Applied Technology Course extends its “Design, Make, Appraise” process via a workshop situation. Students continue to practise the construction process using wood as the main material. The students will be exposed to a larger design component and with a correspondingly greater emphasis on their drawing skills. Specific time is set aside to cover theory related topics. Safety and the correct use of the various equipment are important aspects to this subject. Related theory work is also covered via two homework assignments.

The course is broken into two main components. These are Graphics and Design where the projects are designed, and Tools and Materials which emphasises the construction process. The students will work mainly with wood but there is ongoing theory work with tests and some set homework. The use of a selection of hand and electric machinery is covered including bandsawing and routing. A number of lessons specifically require use of the workshop while others require the Design Room.

The graphics and design processes will also involve isometric projection and design development. The use of tools and materials will include: safety, marking out, cutting, finishes, sawing, adhesives, drilling, routing and electric sanding. The practical component of this course involves a cutting board, a small table and salad servers.

Assessment

Participation	10%
Theory Task	30%
Graphics and Design Task	20%
Practical Task	40%

Further information can be obtained from Mr Geoff Leedham on 8950 4549.

Applied Technology - Design and Metal Course

The Design and Metal Applied Technology Course extends its “Design, Make, Appraise” process via a workshop situation. Students continue to practise the construction process using metal as the main material and also do some design work. The students will be exposed to a larger design component and with a correspondingly greater emphasis on their drawing skills. Specific time is set aside to cover theory related topics. Safety and the correct use of the various equipment is an important aspect to this subject. Related theory work is also covered via two homework assignments.

The course is broken into two main components. These are Graphics and Design where the project is designed, and Tools and Materials which emphasises the construction process. The students will work mainly with metal but there is ongoing theory work with tests and some set homework. The use of a selection of hand and other equipment is covered including resistance welding. A number of lessons specifically require use of the workshop while others require the Design Room.

The graphics and design processes will also involve isometric projection and design development. The use of tools and materials will include: safety, marking out, cutting, bending and folding, riveting, resistance welding and drilling. The practical component of this course involves a lidded tool box, a letter box and a copper bracelet.

Assessment

Participation	10%
Theory Task	30%
Graphics and Design Task	20%
Practical Task	40%

Further information can be obtained from Mr Geoff Leedham on 8950 4549.

Computing Studies

Like them or loathe them, computers now rule much of our lives and in some form or other run most of the systems we rely on in a modern world. We can't even wash our clothes without interacting with one. An appreciation for, understanding of, and ability to manipulate computers are thus abilities that most students need to have.

Computing is a compulsory subject during Years 7 and 8 here at St Philip's, but is an elective from Year 9 onwards. This subject builds on the foundation formed in Years 7 and 8. There are elements of this course that have much in common with the preceding two years (typing skills development and word processing, etc), but it also includes an introduction to programming via the use of Lego Mindstorm robots. A variety of software is used including the Microsoft Office Suite.

This subject is recommended but not compulsory for those wishing to take computing subjects later in their school career.

Assessment

Magazine Article	25%
Robot Report	25%
Future of Computing Essay	25%
Classwork	25%

Further information can be obtained from Dr Matt Johnson on 8950 4586.

Dance

In this subject we learn the basics of choreography and a variety of movement styles. We learn how to notate and critique movement and we develop life skills by creating and teaching our own dance routines to the rest of the class.

Assessment

Participation (In class practice and choreography tasks)	50%
Exhibition	30%
Bookwork and Journal Writing	10%
Test	10%

Further information can be obtained from Mr Steve Kidd on 8950 4518.

Drama - Performance and Technical

In this subject we continue to build on our knowledge of the craft. While all areas of Drama will be developed, students will choose to have an individual emphasis on the performance or the technical dimensions of Drama. Those choosing Performance will be learning about the actor/audience relationship as well as the different performance styles and genres. Those choosing Technical will explore each technical requirement of the production making process and develop their skills in this area. The class will also develop life skills by working together as a group, improvising, analysing and creating our own production.

Assessment

Participation (Improvisation and Production Process)	50%
Exhibition	30%
Journal / Book Work	10%
Test	10%

Further information can be obtained from Mr Steve Kidd on 8950 4518.

Food Technology

This subject uses food technology as a medium to develop independence, creativity and self confidence in students. Within a Food Technology environment, students use a range of materials, resources, information systems, techniques and equipment effectively and safely to design and make products relevant to real life experiences. Students will have lessons which will alternate between theory and practical sessions. They will examine a variety of topics including: Food and the Consumer, Factors Influencing Consumers' Food Choices, the Design Brief Process, Food Production and Processing, Packaging and Labelling of Food, Hiking Food and Intermediate Cookery Skills and Techniques.

Assessment

Practical Assessment	30%
Design Brief	40%
Research Project	20%
Participation and Book Work	10%

Further information can be obtained from Mr Stuart Todd on 8950 6231.

French

Note: In order to do French in Year 10 it is strongly recommended you select French in Year 9.

This subject continues on from Year 8 French. Students will consolidate their knowledge and understanding of grammar and vocabulary and learn to communicate more fluently in French. Topics include: clothing, health, parts of the body, leisure activities, sport, the weather, transport, voyages and holidays plus relevant vocabulary, grammar and cultural information. This is an academic subject and students choosing it must have a strong commitment to learning French.

Assessment

Class Participation	10%
Reading and Writing Tasks	50%
Speaking and Listening Tasks	40%

Further information can be obtained from Mrs Christine Wilson on 8950 4527.

Horticulture

Horticulture in Year 9 is designed to give an introduction to horticultural skills and practices as well as develop an understanding for the associated biological and ecological science. Students are given the opportunity to participate in a variety of practical projects that form part of their assessment. This includes the facilitation of a composting systems, collecting waste from the Rivergum Café and Boarding House kitchen, the growing of produce that is used to supplement food sold in the Rivergum Café, the keeping of chooks and the operation of an aquaponics system.

Assessment

Photosynthesis and Compost Project	30%
Sustainable Gardening Practices	30%
Plant Test	20%
Participation and Bookwork	20%

Further information can be obtained from Mr James Tudor on 8950 4594.

Japanese

Note: In order to do Japanese in Year 10 it is strongly recommended you select Japanese in Year 9.

This subject continues on from Year 8 Japanese. Students will consolidate their knowledge and understanding of grammar and vocabulary and learn to communicate more fluently in Japanese. Topics include: health, leisure activities, using the telephone, parts of the body, the weather, Hiragana and Katakana. This is an academic subject and students choosing it must have a strong commitment to learning Japanese.

Assessment

Class Work / Homework / Participation	10%
Culture Assignment	20%
Reading and Writing Task	35%
Speaking and Listening Task	35%

Further information can be obtained from Mr Yukihiisa Matsueda on 8950 4589.

Music and Media

This course is intended for students who may not have strong prior musical experience, but who wish to explore Music and Media through technology.

They will be developing electronic music production skills by utilising music software such as ACID Pro and Protools to create loops and electronic music. In addition, they will be doing sound editing to create a podcast. Students will create their own radio show using the school recording and editing stations leading to a broadcast of a music radio segment within the school. There is also an opportunity for some training from local radio stations.

Assessment

Preparation, Organisation and Bookwork	15%
Use and Understanding of Technology	15%
Presentations - School Broadcast, Electronic Music Production and Music Analysis	40%
Participation	30%

Further information can be obtained from Mr Steve Kidd on 8950 4518.

Music – Performance

This is a performance-orientated course designed to allow students to develop their existing musical ability and skill as performers. Students must be able to play a musical instrument or sing.

Students will learn basic skills of music-writing and arranging. Within the context of a small group of players, they will develop the craft of musical leadership, including organising and running practice sessions, and developing pieces to a public performance standard. Pieces will be chosen according to the students' own musical tastes and interests.

Assessment

In Class Performances	30%
Exhibition	10%
Performance Preparation and Journal	30%
Participation	30%

Further information can be obtained from Mr Steve Kidd on 8950 4518.

Outdoor Education

Year 9 Outdoor Education is a varied and interesting subject with a practical and theoretical focus. It is well suited to students who are interested in learning and developing outdoor skills such as navigation, trip planning, first aid, as well as opportunities to develop some problem solving and lateral thinking skills. Indoor rock climbing on the College's rock wall is a significant part of the course with a focus on climbing technique and practice and safety belay skills.

Assessment is based around participation and engagement in practical activities and sessions in class and the application of their learning in formal written projects.

Assessment

Book Work and Participation	20%
Climbing (Belay and Safety Systems) and Individual Climbing Technique	40%
Film Review	20%
Project	20%

Further information can be obtained from Mr David Atkins on 8950 4593.

Photography – Digital

This is designed to give an introduction to digital photography. Students are provided with digital cameras and advanced photo editing software and are required to produce a variety of major pieces through experimentation and the development of base level skills. The topics covered are: the history of photography, image composition, portraiture, photojournalism, black and white image development, stop motion animation. Through these topics, students are given the opportunity to work with Adobe Photoshop and are required to produce final pieces and folio support documents for assessment.

Assessment

Participation	10%
Exploration Folio	30%
Photojournalism	30%
Digital Creative Folio	30%

Further information can be obtained from Mr James Tudor on 8950 4594.

Science and Engineering Projects

This subject has a more practical and project base component compared to the mainstream Science course. The major area of study is solar cars, and through these, a wider investigation of the harnessing of solar energy by using photovoltaic cells to convert sunlight into electricity. The other area of study is robotics where we use and program the Lego Mindstorm robots to provide a basis for the investigation of robotics in general.

We have at our disposal a class-set of high-end model solar car parts (solar cells, high efficiency motors, carbon-fibre frames, low friction bearing wheels, electronic power maximisers, etc). Each student makes a solar car from these parts as a member of a small group and these cars are raced in the Solar Car Challenge; a national event. We also use a class set of robots.

Assessment

Test: Energy	20%
Classwork	20%
Solar Car: Journal and Performance Review	30%
Robotics: Journal and Robot Functional Testing	30%

Further information can be obtained from Mr Rod Diehl on 8950 4543.

Sculpture

This course is designed for students who are interested in extending their experience of the Visual Arts into three dimensional works. The course involves aspects of making, critical analysis and historical research.

The main emphasis is on the practical aspects of making artwork, exploring three dimensional form using a range of different materials and techniques. The students will experiment with clay, paper, recycled materials and wire to construct three dimensional artworks. They will document their creative process through the use of a visual diary. Students will also be introduced to the history of sculpture, will research an artist and critically analyse the work of several artists. Their artist research and artwork analysis will inform their own process in each assessment task.

Assessment

Collaboration Installation	20%
Research Assignment	20%
Sculptural Form	30%
Folio and Bookmark	30%

Further information can be obtained from Miss Jessica Henman on 8950 4535.

Sports Science

This course is designed to extend students' understanding of the design and functions of the human body and the relationship between human physiology and physical activity.

Students will study the structure and function of the skeletal system, joints and the muscular system. The theoretical components of the course will be explored and applied within a selection of the following sports and activities. These may include: European handball, basketball, volleyball, aquatics, badminton, golf and soccer.

Students are required to bring an A4 ruled exercise book to theory lessons. They will be provided with a course workbook which will need to be replaced if it is damaged or lost. They are also required to bring correct and full PE uniform (swimming attire if required) to all practical lessons.

Assessment

Practical Component	50%
Participation	10%
Skeletal System Assignment	20%
Body Systems Test	20%

Further information can be obtained from Mr Davey Tudor on 8950 4540.

Textile Design

Students will complete Textile pieces that further their experience in working with fabrics. A design process is followed to plan an idea that can be expressed using fabric. Various embellishments are applied using embroidery cottons and beads. More developed skills in hand sewing and using the sewing machine are taught. The process of tie dying is researched and explored using natural and commercial dyes. The question of why people wear what they wear and the pressures of commerce on buyers is studied and discussed. A self-critique of the final product is completed to evaluate the process of the piece.

Assessment

Folio of Exercises	30%
Item 1	20%
Item 2	20%
Research Assignment and Book Presentation	30%

Further information can be obtained from Miss Donna Nicholls on 8950 6203.

Visual Arts

This course is designed for students who are interested in developing their creative and aesthetic perceptions through a range of media. The course involves aspects of making, critical analysis and historical research.

The main emphasis is on the practical aspects of making by exploring both two and three dimensional works using a range of different materials. Visual literacy, artistic expression and appreciation are developed through explorations in drawing, painting and collage processes. Students will document their creative process through the use of a visual diary. Students will research an artist and critically analyse the work of several artists. Their artist research and artwork analysis will inform their own creative process in each assessment task.

Assessment

Folio and Bookmark	20%
Practical Task 1	30%
Practical Task 2	30%
Research Assignment	20%

Further information can be obtained from Miss Jessica Henman on 8950 4535.

YEAR 9 SUBJECT SELECTION FORM

NAME : _____

Please number your preferences in order from 1 to 10

Subject	Preference
Applied Technology - Design and Wood Course	
Applied Technology - Design and Metal Course	
Computing Studies	
Dance	
Drama – Performance and Technical	
Food Technology	
French	
Horticulture	
Japanese	
Music and Media	
Music – Performance	
Outdoor Education	
Photography – Digital	
Science and Engineering Projects	
Sculpture	
Sports Science	
Textile Design	
Visual Arts	

Student's Signature: _____

Parent's Signature: _____

Date: _____

**THIS FORM NEEDS TO BE COMPLETED AND RETURNED TO
STUDENT ACCESS BY FRIDAY 12 AUGUST**