Year 8 Electives 2011 Waverley Christian College
# Year 8 Electives

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AR081  Art I

Subject Domain: The Arts
Subject: Art

Brief Description of Course
Art introduces students to a range of materials, skills and techniques. Art provides opportunities for imaginative exploration, development and communication of ideas. Students are encouraged to make creative and personal responses to specific tasks. Through experimentation of the selected material, students develop and refine skills in drawing and mixed media. The role of the Artist in society is investigated and the use of art elements and principles in the creation of artworks.

General Aims and Objectives
Creating and making
- To manipulate arts elements and principles to effectively realise student’s ideas
- To demonstrate a level of technical competence in the use of skills, techniques and processes
- To develop artworks which reflect personal art responses to specific tasks

Exploring and responding
- To critically analyse and interpret artworks using appropriate arts language
- To describe the stylistic, technical, expressive and aesthetic features of artworks created by a range of artists
- To comment on the impact of the Artist in society

Topics:
- Scraperboard
- Tone and texture drawing using graphite sticks and pastels
- Painting and drawing techniques using brush and ink and charcoal

Time Allocation
- 5 periods per cycle for Semester 1

Prerequisites
- Nil

Special Requirements to be supplied by student
- Sketchbook, folio and book listed stationery
- Estimated Levy: $45

Assessment
- All class work; research and developmental work, practical projects and finished artworks
- Written work and assignments

AR082  Art II

Subject Domain: The Arts
Subject: Art

Brief Description of Course
Art introduces students to a range of materials, skills and techniques. Art provides opportunities for imaginative exploration, development and communication of ideas. Students are encouraged to make creative and personal responses to specific tasks. Through experimentation of the selected material, students develop and refine skills in drawing and mixed media. The role of the Artist in society is investigated and the use of art elements and principles in the creation of artworks.

General Aims and Objectives
Creating and making
- To manipulate arts elements and principles to effectively realise student’s ideas
- To demonstrate a level of technical competence in the use of skills, techniques and processes
- To develop artworks which reflect personal art responses to specific tasks

Exploring and responding
- To critically analyse and interpret artworks using appropriate arts language
- To describe the stylistic, technical, expressive and aesthetic features of artworks created by a range of artists
- To comment on the impact of the Artist in society

Topics:
- Printing and/or rubber stamping
- Drawing-blotted line technique
- Watercolour/gouache painting

Time Allocation
- 5 periods per cycle for Semester 2

Prerequisites
- Nil

Special Requirements to be supplied by student
- Sketchbook, folio and book listed stationery
- Estimated Levy: $45

Assessment
- All class work; research and developmental work, practical projects and finished artworks
- Written work and assignments
AR083 Visual Communication I

Subject Domain: The Arts
Subject: Visual Communication

Brief Description of Course
Students will continue to develop skills using a variety of media. Both two dimensional and three dimensional design solutions will be explored and presented. Students will develop skills in illustration and use the design elements and principles in the production of a visual communication.

General Aims and Objectives
- To present visual solutions using a variety of drawing methods
- To develop design and rendering skills
- To develop use of media and skills in communicating information.

Topics may include:
- Monogram, symbol design
- Orthogonal drawing: Toy design
- Cubes in one point perspective
- Cityscape in two point perspective
- Isometric lettering
- Self portrait

Time Allocation
- 5 periods per cycle for Semester 1

Prerequisites
- Nil

Special Requirements to be supplied by student
- Sketchbook, folio and book listed stationery
- Estimated Levy: $45

Assessment
- All class work; research and developmental work, practical projects and finished designs

AR084 Visual Communication II

Subject Domain: The Arts
Subject: Visual Communication

Brief Description of Course
Students will continue to develop skills using a variety of media. Both two dimensional and three dimensional design solutions will be explored and presented. Students will develop skills in illustration and use the design elements and principles in the production of a visual communication.

General Aims and Objectives
- To develop skills in 3D construction
- To develop design and rendering skills
- To develop skills in using a variety of media
- To develop skills in communicating information

Topics may include:
- Monogram using gouache
- Paper engineering
- Model making
- Typography design: Circus poster

Time Allocation
- 5 periods per cycle for Semester 2

Prerequisites
- Nil

Special Requirements to be supplied by student
- Sketchbook, folio and book listed stationery
- Estimated Levy: $45

Assessment
- All class work; research and developmental work, practical projects and finished designs
CO081 Multimedia Creations

Subject Domain: Technology
Subject: Computer Studies

Brief Description of Course
This elective is designed to develop creative skills in a variety of media formats. Pupils will be trained to use various multimedia tools, from planning and preparation through to creating and refining multimedia products. The course includes traditional classroom teaching, discussions, projects and practical hand-on experience.

General Aims and Objectives
- To develop planning techniques in creative tasks
- To understand the importance of all of the processes of a creative design workflow
- To generate high-quality, original multimedia products
- To understand how modern multimedia products can be used in Christian work

Topics
- Photo editing and image manipulation (Adobe Photoshop)
- Film editing basics (Window Movie Maker)

Time Allocation
- 5 periods per cycle
- This unit is offered in both Semester 1 and 2

Prerequisites
- Nil

Special requirements to be supplied by student
- Headphones
- USB stick – minimum 1GB
- Levy

Assessment:
- Assignments
- Folio
- Class set work
- Test

DE081 Outdoor Education

Subject Domain: Health and Physical Education
Subject: Outdoor Education

Brief Description of Course
The subject Outdoor Education will introduce students to basics in some outdoor experiences. Victoria contains some of the best national parks and bushland within Australia and this subject should give each student some skills to be able to stay overnight in the bush.

General Aims and Objectives
- Students will learn more about and see parts of God’s incredible and diverse creation
- Learn how to use and care for the bush at the same time
- This subject should give each student some skills to be able to stay overnight in the bush.
- Learn about mountain biking – maintenance and skills required
- Learn the skills of surfing and kayaking

Topics
- Hiking skills
- Tent pitching
- Outdoor cooking
- Mountain bike riding
- Packing a back pack
- Orienteering
- Environmental care
- Australian adventurers

Time Allocation
- 5 periods per cycle
- This unit is offered in both Semesters 1 and 2

Prerequisites
- Nil

Special Requirements to be supplied by students
- Estimated Levy: $150

Assessment
- Working in a group
- Adoption of campcraft practices while on overnight camp
- Participation during outdoor experiences
- Presentation of research on an Australian adventurer.
**DR081 Beginning Acting**

**Subject Domain:** The Arts  
**Subject:** Drama

**Brief Description of Course**  
This unit aims to provide varied opportunities for students to perform and create dramatic works. Students will be introduced to the basic elements of the art of performance. The emphasis in this unit is on developing communication, confidence, commitment and cooperation.

**General Aims and Objectives**  
By the completion of this unit students will have enhanced their:
- Communication skills & Social co-operation  
- Confidence and self esteem  
- Commitment and co-operation  
- Ability to project their voice  
- Stage presence  
- Improvisational skills

**Topics**  
- **Projection** – the ability to perform in a number of different situations and by heard and understood by the audience  
- **Stage Presence** – the ability to draw an audience and use your body to express most effectively what it is you are trying to communicate, as well as increase the effectiveness other performers on stage  
- **Improvisation** – The ability to think on one’s feet, especially in performance scenarios, to the effect of increasing the actor’s instincts  
- **Group Interactions** – The skill of responding, giving place to, and enhancing scenes with other actors on stage, knowing when to fall to the background or take centre stage and everything in between

**Time Allocation**  
- 5 periods per cycle for Semester 1

**Prerequisites**  
- Nil

**Special Requirements to be supplied by student**  
- Estimated Levy: $15

**Assessment**  
- Individual participation in class activities  
- Group participation on set class tasks  
- Performance - Monologue (solo) Ensemble (large group)  
- Written Journal Entries – including class summaries and theatre reviews

**DR082 Beginning Performance**

**Subject Domain:** The Arts  
**Subject:** Drama

**Brief Description of Course**  
This unit aims to provide varied opportunities for students to perform and create dramatic works. Students will be introduced to basic elements of performance art. The emphasis in this unit is on developing communication skills and confidence. Written reflections on their own work and on the performances of others are also a part of this unit of study.

**General Aims and Objectives**  
- Communication skills  
- Social co-operation  
- Confidence and self esteem  
- Commitment and co-operation  
- Understanding styles, forms and conventions of dramatic presentations  
- Evaluate content, purpose and themes of selected drama and theatre  
- To enhance communication in a public forum to convey worthwhile messages and biblical themes

**Topics**  
- **Expressive movement and voice** – interpretation of poetry/biblical characters – leading to the presentation of a Monologue performance piece  
- **Relationships and role** – between people, ideas and the environment - developing points of focus and character perception techniques.  
- **Playbuilding through improvisation and scripted material** – Realism Theatre - presentation of an Ensemble piece mastering theatrical skills using props, costuming and stage blocking  
- **Performance Analysis** – viewing of live and taped performances to develop an appreciation of Theatre Styles

**Time Allocation**  
- 5 periods per cycle for Semester 2

**Prerequisites**  
- Nil

**Special Requirements to be supplied by student**  
- Estimated Levy: $40

**Assessment**  
- Individual participation in class activities  
- Group participation on set class tasks  
- Performance - Monologue (solo) Ensemble (large group)  
- Written Journal Entries – including class summaries and theatre reviews
DT081 Innovative Design

Subject Domain: Technology
Subject: Design Technology (Metals & Plastics)

Brief Description of Course
Technology involves the use of tools, machines, materials, techniques, and sources of energy to make work easier and more productive and to make leisure more enjoyable. A wide variety of learning activities will be called upon to focus student attention upon the topics covered. Considerable time will be given to developing student skill in the use of common hand tools. Technology (Metals and Plastics) uses natural and manmade materials.

General Aims and Objectives
- To develop basic skills in using tools for forming materials into useful articles
- To reflect upon the requirements of the design process and to practice creative ingenuity
- To understand that God gives a variety of specialized creative abilities

Topics may include:
- Materials Technology: natural and processed materials
- Safety in the workshop
- Design and creativity
- Integrated projects: a variety of projects to develop and establish the competent use of tools used with metals and plastics

Time Allocation
- 5 periods per cycle
- This unit is offered in both Semesters 1 and 2

Prerequisites
- Nil

Special Requirements to be supplied by student
- Estimated Levy: $85 for materials
- A4 Binder Book (to use as a notebook)

Assessment
- Marks assigned to workshop skills
- Projects
- Safety
- Design folio

DT082 Mazes and Decorative Items

Subject Domain: Technology
Subject: Design Technology (Wood)

Brief Description of Course
Design and Technology aims to introduce and develop a systematic and creative approach to generating technological solutions. Students will gain the ability to apply knowledge and skills by using a variety of equipment, tools and materials while incorporating the elements of design.

Activities may include: designing and producing practical projects using wood as the main material; discussions and demonstrations on safe workshop practices; developing skills and knowledge of hand and power tools.

General Aims and Objectives
- To understand and use the design process
- To gain knowledge on the properties and characteristics for various timbers
- To produce creative projects
- To develop skills in using tools, machinery and equipment while producing practical work
- To understand and follow the correct safety procedures in the workshop
- To develop design and drawing skills

Topics may include:
- Designing and making creative wood projects including a maze with some metal and plastic
- Workshop safety
- Crafting techniques – manual and mechanical

Time Allocation
- 5 periods per cycle
- This unit is offered in both Semesters 1 and 2

Prerequisites
- Nil

Special Requirements to be supplied by student
- Estimated Levy: $65 for materials
- A4 binder book
- A4 folio

Assessment
- Marks assigned to design folio
- Marks assigned to workshop skills
- Classroom activities
- Completed projects
- Safety in the workshop
**FT081  Ready, Setty, Cook!**

**Subject Domain:** Technology  
**Subject:** Food Technology

**Brief Description of Course**  
This unit explores the many aspects of food. It introduces more advanced cookery processes than previously covered in Year 7. It also explores equipment and terminology used, healthy eating, why we eat and meal planning.

**General Aims and Objectives**
- To develop a deeper understanding of all types of practical cookery  
- To understand nutrients and how our body uses them  
- To explore healthy eating models and how to use them  
- To understand God’s concern for our need for food and why we eat

**Topics:**
- Equipment  
- Terminology  
- Food hygiene/poisoning  
- Healthy eating models  
- Why we eat  
- Meal planning

**Time Allocation**  
5 periods per cycle for Semester 1

**Prerequisites**  
- Nil

**Special Requirements to be supplied by student**
- Estimated Food Levy: $60  
- Display folder

**Assessment**
- Practical work and written evaluations  
- Tests  
- Assignment  
- Book work

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**FT082  To Market, To Market**

**Subject Domain:** Technology  
**Subject:** Food Technology

**Brief Description of Course**  
This unit explores the many aspects of food. It introduces more advanced cookery processes than previously covered in Year 7. It also explores different foods that we eat and how they work.

**General Aims and Objectives**
- To develop a deeper understanding of all types of practical cookery  
- To explore different food groups that we are used to eating everyday (that can be found in any market) and how they work  
- To understand nutrients and which foods they are found in  
- To understand God’s concern for our need for food and why we eat

**Topics:**
- Equipment  
- Terminology  
- Food hygiene/poisoning  
- Milk and milk products  
- Cereals  
- Fruit  
- Vegetables  
- Eggs

**Time Allocation**  
5 periods per cycle for Semester 2

**Prerequisites**  
- Nil

**Special Requirements to be supplied by student**
- Estimated Food Levy: $60  
- Display folder

**Assessment**
- Practical work and written evaluations  
- Tests  
- Assignment  
- Book work
HE081  Healthy Choices

Subject Domain: Health & Physical Education
Subject: Health

Brief Description of Course
Students will examine physical and spiritual aspects to various issues related to their personal health.

General Aims and Objectives
- To develop skills and gain knowledge of safety and first aid
- To understand the value that God places on the health of the human body
- To develop students’ ability to make healthy decisions in relation to several different issues

Topics
- Alcohol and binge drinking
- Decision making
- Safety and first aid in the community
- Nutrition

Time Allocation
- 5 periods per cycle for Semester 1

Prerequisites
- Nil

Special Requirements to be supplied by student
- Estimated Levy: $35 (includes workbook)

Assessment
- Class work
- Projects
- Tests

HE082  Healthy Perspectives

Subject Domain: Health & Physical Education
Subject: Health

Brief Description of Course
Students will examine physical, social, mental and spiritual aspects to various issues related to their personal health.

General Aims and Objectives
- To understand and develop students’ identity and personal skills
- To understand the value that God places on the health of the human body
- To develop students’ ability to make healthy decisions in relationships
- To study and understand the systems of the body and how they work in conjunction with each other

Topics
- Interpersonal skills
- Personal identity
- Relationships
- Systems of the human body

Time Allocation
- 5 periods per cycle for Semester 2

Prerequisites
- Nil

Special Requirements to be supplied by student
- Estimated Levy: $35

Assessment
- Class work
- Projects
- Tests
**MU081  What Every Musician Should Know**

**Subject Domain:** The Arts  
**Subject:** Music

**Brief Description of Course**
This unit is designed specifically for students who have enjoyed their Year 7 core experience, or have a flare for Music. In order to prepare them for professional standards in older year levels, students are given the basics of theory, rhythm and music analysis. Students are also encouraged to appreciate music on various levels of genre and style. Concurrently, and as a basis for learning, all students are taught the basics of the piano, chord reading, melody playing and familiarity with the keyboard. The course is set up as a ‘class piano lesson’ where students are encouraged to play at their own level of skill and use the piano as a musical support for their own instrument.

**General Aims and Objectives**
- To encourage students’ continuing appreciation and participation in school Music
- To prepare students to reach the professional standards of musicianship that other students are achieving across the city, state and globe
- To further students’ ability to play an instrument
- To foster confidence and enjoyment in performing
- To analyse the use of musical elements in the creation of music

**Topics**
- Theory of Music
- Aural
- Rhythm
- Composition
- Performance
- Class Piano

**Time Allocation**
- 5 periods per cycle for Semester 1

**Prerequisites**
- Students must be able to sing confidently or play an instrument
- Ability to play the piano is not necessary, and advanced piano students will be welcomed and challenged

**Special Requirements to be supplied by student**
- Estimated Levy: $15

**Assessment**
- Written, performance and aural tests

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**MU082  Music Performance**

**Subject Domain:** The Arts  
**Subject:** Music

**Brief Description of Course**
This unit is designed specifically for Christian musicians in today’s world. All aspects of the live worship band will be studied, including the set of instruments. Students who select this subject must be able to sing confidently or play an instrument. The class will play music as a group from time to time and students will be expected to perform in front of their peers.

**General Aims and Objectives**
- To assist in setting up a worship band
- To understand the philosophy of being on a worship team
- To apply skills relating to the electronic aspects of music performance and recording
- To further students’ ability to play an instrument
- To encourage participation in musical groups
- To foster confidence and enjoyment in performing
- To analyse the use of musical elements in the creation of music
- To understand music is God’s gift to us and is everywhere in the universe to praise God
- To develop a leadership role in Music at the school
- To encourage students to use their talents and abilities in their community and church

**Topics**
- Music Technology
- Worship theory
- Performance
- Theory of Music
- Aural
- Rhythm

**Time Allocation**
- 5 periods per cycle for Semester 2

**Prerequisites**
- Students must be able to sing confidently or play an instrument

**Special Requirements to be supplied by student**
- Estimated Levy: $15

**Assessment**
- Written, performance and aural tests
- Music Technology Synthesis Project
SC081  Science Elective

**Subject Domain:** Science  
**Subject:** Science

**Brief Description of Course**  
This unit provides the opportunity to study a number of topics not covered in the same detail in the core Science course. The course is both practical and theoretical and will enhance a student’s general understanding of the significance and limitations of scientific inquiry in regard to unfolding the wonders of God’s Creation.

**General Aims and Objectives**
- To encourage skills of enquiry, hypothesis and testing
- To promote an interest and understanding of the knowledge and processes of science
- To understand both the benefits and limits of scientific inquiry
- To encourage students to consider the ways in which people have used scientific knowledge and methods to meet particular needs
- To debate controversial scientific discoveries and applications
- To plan, design and perform experiments
- To develop students’ understanding of the evolving nature of science and technology
- To further investigate the principles of the major disciplines of Science, Biology, Chemistry and Physics

**Topics to be selected from:**
- CSI: Forensics
- Chemical science: making cosmetics
- Anatomy
- Nanotechnology
- Biochemistry of the body
- Astronomy

**Time Allocation**
- 5 periods per cycle
- This unit is offered in both Semester 1 and 2

**Prerequisites**
- Nil

**Special Requirements to be supplied by students**
- Estimated Levy: $50

**Assessment**
- Assignments / Project Work
- Practical Reports
- Oral & visual presentations
- Tests