timboon P-12 School

Year 7 & 8
Core and Elective Subjects
2012

Strength through Understanding
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CORE SUBJECTS

English  Mathematics  Science  History

COMPULSORY SUBJECTS

Geography  (Semester one only)  Physical Education  LOTE  Trade Technology  Community Partnerships (Semester two only)

ELECTIVE SUBJECTS

The Arts  Trade Technology  Food and Fabric Technology  Information Technology  Disaster Studies  Extra Science  Sport and Physical Education
CORE SUBJECTS

Students will complete each of the core subject areas for the duration of the year

ENGLISH—Five sessions per week
MATHEMATICS—Five sessions per week
HISTORY—Two sessions per week
SCIENCE—Two sessions per week

COMPULSORY SUBJECTS

GEOGRAPHY—Two sessions per week (Semester one only)
PHYSICAL EDUCATION—Two sessions per week (Each term)
LOTE—Two sessions per week (Each term)
TRADE TECHNOLOGY—Two sessions per week (Each term)
COMMUNITY PARTNERSHIPS—Two sessions per week (Semester two only)
Students will choose at least one elective each term

THE ARTS — At least one per term

FOOD AND FABRIC TECHNOLOGY — At least one per term

OPTIONAL ELECTIVES

Students are encouraged to try each optional elective

EXTRA SCIENCE — Offered each term

INFORMATION TECHNOLOGY — Available semester two

EXTRA GEOGRAPHY — Available semester two

CREATIVE METAL — Available semester one

EXTRA PHYSICAL EDUCATION — Offered each term
Community Partnerships Programs are offered semester two (term 3 & 4). Students are to choose either Surf Awareness, Junior Park Rangers or Our Buddies. Each program runs for two sessions per week.

**Surf Awareness**

This program aims to educate students about water safety, and to develop stronger awareness of aquatic environments. Students will develop their skills on surfboards, learn to ‘read’ the surf conditions, and train to obtain their Surf Resuscitation Certificate; activities include a mix of theory and practice, and require problem solving, teamwork, leadership, and physical performance. An interest in physical fitness and resuscitation techniques is promoted; students will have opportunity to develop effective working and communication skills with a variety of first aid and surf lifesaving instructors.

**Junior Park Rangers**

This program involves students working closely with Port Campbell National Park rangers during fieldwork and classroom sessions. Coastal activities can include facilities maintenance, conservation work, tour guide training, litter and traffic surveys, revegetation projects, an introduction to O.H.&S and managing environmental emergency situations. An interest in environmental issues and our coastal local ecosystem is promoted; students will have the opportunity to develop effective working and communication skills with a variety of National Park employees and visitors.

**Our Buddies**

During peer leadership training students learn about the skills that make a good leader, the responsibilities associated with being a buddy, the techniques of good activity planning, and the importance of age appropriate games. Students work one on one with the grade one students for two sessions each week. They prepare activities that they will use with their ‘Buddies’ under the supervision of a staff member. They engage the buddy in conversation as they help them enjoy appropriate literacy, numeracy and physical activities.
Visual Art & Visual Communication

Printmaking

Students will further develop their understanding of the elements and principles of art through their exploration of printing techniques and styles. They will create a series of mono-prints, basic linocuts and tri-colour prints.

Creative Graphics

Students will investigate the world of advertising and product design. They will design and create CD covers and product packaging using a series of materials and mediums. Students will continue to develop their understanding of the elements and principles of art through their exploration of printing techniques.

Funky and Functional

Students will design and create a series of functional ware. Pieces will be created using a combination of wheel thrown and hand built pottery techniques. All pieces are glazed using an assortment of glaze types and colours. Students will investigate and develop their knowledge of the elements and principles of art through the creation of their functional wares.

Painting

Students will experiment with techniques and styles to create a series of paintings. They will continue to develop their understanding of the elements and principles of art through the creation of their landscapes, seascapes and portraiture paintings.

Sculpt-It

An array of artistic materials will be on offer in the creation of individual sculptural pieces. Students will create a series of sculptural pieces while developing their knowledge of the elements and principles of art. Sculptural pieces will be created using carving, moulding and joining construction techniques.

Mad Mosaics

Students will create a series of hand crafted mosaics. Each piece will be prepared and hand made using a hand building clay, cut into the desired pieces and glazed. Students will continue to develop their understanding of the elements and principles of art through the creation of their individual mosaic pieces.

Snap Shot Photography

Students will formulate a basic understanding of the functions of a camera in order to capture a unique photograph. They are introduced to the art elements and principles of art and will have the opportunity to adapt their photographs using Photoshop.
Crazy Clay Creations

Students will create a series of wacky pottery pieces, while investigating an array of hand building techniques. Using their knowledge of the art elements and principles students will investigate different artists work and glazing styles.

Spray-It Graffiti Art

Students will investigate the techniques of ‘spraying’ in the creation of graffiti art pieces. They will explore the use of stencilling and continue to explore the elements and principles of art in the creation of each piece.

Masterpiece – Team Art

Students will work collaboratively in the creation of a series of artworks to be on permanent display within the school grounds. These pieces will be of the students’ own design and incorporate a series of experimentation with differing materials. Students will continue to develop their understanding of the elements and principles of art through the creation of each piece.

The Arts: Drama

Improvisation: In this unit we will be studying character, styles and genres through improvisation activities. A lot of fun, on the spot thinking as well as prepared, creative scenarios.

The Arts: Music

Guitar

Students are introduced to the guitar. Acoustic guitar skills, reading of chords, leading into electric guitar and reading TABs. Students will be introduced to the keyboard. (Term 3 & 4)

Keyboard

Students will learn piano playing and reading music at their own pace. There will be opportunity to play duets and group ensembles. Music will include a variety of styles as well as popular piano solos. Beginners and experienced players will be catered for in this unit.

The Arts: Dance

Students will learn creative dance moves from a talented local dancer.

This unit will be offered each term.
Year 7 Wood

Plan & Produce in Materials

Students are introduced to the design process, learn to use hand and electric tools, obtain the drill press and scroll saw licence and develop construction and finishing techniques. Students will produce a fridge magnet and create their initials.

Wood Designer & Producer

Students will develop their knowledge of the design process through the exploration of the design principles (shape, colour, line and pattern), researching existing products, orthographic drawing and three dimensional drawing techniques, annotation and measurements. Students will produce a storage box and a hanging unit.

Year 8 Wood

Problem Solving & Production in Wood

Students will continue to develop their understanding of the design process through researching existing products, orthographic drawing and three dimensional drawing techniques, annotation and measuring, and the design principles. Students will create a chopping board and a hinged container.

Redesigning & Construction in Wood

Students will continue to develop their understanding of the design process through taking an existing product and creatively redesign, re-draw using IT computer drawing program, annotation and measurement, and the design principles. Students will create a stool and a storage shelf with drawer.
<table>
<thead>
<tr>
<th>UNIT</th>
<th>PRODUCTS</th>
<th>TOOLS</th>
<th>TECHNIQUES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Creative Metal</strong></td>
<td>Figures</td>
<td>Tin Snips, Files, Drill Press,</td>
<td>Measuring (tracing, cutting, joining, joining pop rivet, joining spot welding) &amp; Finishing</td>
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<tr>
<td></td>
<td>Found Objects</td>
<td>Vice, Pop Riveter, Electric Spot Welder &amp; Hammer</td>
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<tr>
<td></td>
<td>Introduction to Design Process (ES)</td>
<td>Researching Original designs, creative drawing, Annotation.</td>
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<td></td>
<td>Introduction to Hand &amp; Electrical Tools</td>
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<td></td>
<td>Obtain Drill Press &amp; Electric Spot Welder Licence</td>
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<td></td>
<td>Construction Techniques</td>
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<td></td>
<td>Finishing Techniques</td>
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<tr>
<td><strong>Design &amp; Fabric In Metal</strong></td>
<td>Folded Container with optional Lid</td>
<td>Hammer, Centre Punch, Tin Snips, Files, Drill Press, Vice, Pop Riveter, Electric Spot Welder &amp; Folding Machine</td>
<td>Measuring (cutting, joining, joining pop rivet, joining spot soldering) &amp; Finishing</td>
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</tr>
<tr>
<td></td>
<td>Introduction to Design Process (ES)</td>
<td>Researching existing products for inspiration, Orthographic Drawing &amp; 3D Drawing techniques, Annotation &amp; Measurements and Design Principles.</td>
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<td></td>
<td>Proto-type Development</td>
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<td>Tool Demonstration &amp; Trials</td>
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<td>Order of Assembly Joining Techniques</td>
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<td></td>
<td>Finishing Techniques</td>
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**Food Technology**

- Bake your cake and eat it! (Term 1 & 3)
- What to eat, not to eat! (Term 1 & 3)
- Snaking with a difference! (Term 2 & 4)
- Food, Fabulous Food! (Term 2 & 4)

**Bake your cake and eat it!**

In this unit you will make a variety of cakes and muffins using a range of cake making techniques and processes. The focus will be on the role of ingredients, processing techniques and equipment, and the sensory analysis of each production.

**What to Eat, Not to eat!**

In this unit you will make a variety of delicious healthy foods focusing on the freshest of ingredients. The focus of the unit will be choosing the foods to eat based on the Australian Guide to Eating and the Healthy Living Pyramid. Let’s start with some pancakes with Timboon Strawberries.

**Snaking with a difference!**

In this unit snacks include light meals or nibbles before a party and food that is consumed during the day. For example; when you get home after school. Snacks are an important part of adolescents’ eating patterns, so you are going to make delicious healthy recipes, instead of the usual snacks from the supermarket.

**Food, Fabulous Food!**

In this unit we will look at the influences on food choices, in particular, packaging, marketing and advertising. Each week you will prepare a delicious recipe that supports these influences on, ‘why you eat what you eat?’ You will also learn about the design process, and design a bread for a bread making shop.
Fabric Technology

Funky Fabrics (Term 1)
Trendsetters (Term 1 & 3)
Crazy Toys (Term 2 & 4)
Patchwork Frenzy (Term 2)
Applique Action (Term 3)
Masks of Mystery (Term 4)

Fabric Technology

Funky Fabrics

Students will investigate the different felting techniques to produce individual products. It will include experimenting with different dying and printing techniques and creating individual pieces.

Trendsetters

Do you have an interest in fashion? Do you have your own individual style? Do you want to make your own clothes? Yes, Yes, Yes! This unit is for you! Students will make their own clothes from patterns. (Material will be sourced by students at own cost.)

Crazy Toys

Students will create an array of unreal creatures using machine and hand sewing. Techniques of sewing will be explored following patterns and instructions. (Some additional fabrics may need to be sourced by the student.)

Patchwork Frenzy

There are many different types of patchwork. This unit will investigate and create varied styles of patchwork into quilts, cushions and hangings. (Some additional fabrics may need to be sourced by the student.)

Applique Action

Applique is the technique of sewing either by hand or machine, fabric over fabric, to create a picture or decoration. Students will investigate techniques and create group and individual pieces.
Information Technology is only offered during term 3 & 4

The Information Technology elective is a chance to learn and improve on a variety of computer skills. From learning a heap of tips and tricks for using the Office suite of programs and Internet search engines, to creating multimedia presentations, you will build on the skills and knowledge to be competent in ICT functions for school, work and in your personal life. We will also investigate the accepted codes of practice when using ICT, and be able to discuss the consequences of ICT use. You will maintain digital evidence of your learning in all subjects through a digital portfolio. We hope you will become self-sufficient for further learning and be able to troubleshoot basic computer

Sudden Disasters is only offered during term 3 & 4

Sudden Disasters

A new offering from Humanities. In this unit students will explore current world-shaking events. They will attempt to tie together natural and human-induced phenomenon with the geographic facts behind them as well as the social, economic and political fallout that follows.

Areas for study may include natural disasters (earthquakes, tsunamis, bushfires) and the illegal trade in wildlife products (elephant poaching). Get on board for a look at what’s going on around Planet Earth.

Extra Physical Education is offered each term

Extra Physical Education

This is a unit for those students that are seeking an opportunity to participate in physical activities beyond the compulsory unit. Students will further develop their physical skills and techniques through the exploration of various outdoor activities.
A Bug’s life!

With over one million different types, insects and spiders are the most diverse of all life forms on Earth. Insects and spiders are found everywhere and can have a profound effect on our lives. Insects and spiders are usually seen as pests but many are also very important to humans. In this unit students will study different types of insects and spiders, make ant farms, trap and collect insects and spiders, and come to appreciate how fantastic and diverse insects and spiders really are.

Cows Create Careers

Cows Create Careers is a Dairy Australia and Regional Development Program project for secondary students from years 7 to 11. Students learn about the dairy industry while caring for calves and working with farmers and dairy industry professionals, such as vets, dairy company field officers, agronomists or cheesemakers.

Non-explosive Myth Busters

The television show “Myth Busters” uses scientific principles to investigate common myths and beliefs. Based on Myth Buster episodes students will use an experimental approach to investigate various phenomena, and learn about scientific principles of investigation and fundamental scientific concepts. The students will have the opportunity to design and carry out their own experimental investigations and report on the results. The emphasis will be placed on good experimental design, controlling variables, and showing a clear understanding of what science can and can’t prove.

Dinosaurs and Palaeontology

Dinosaurs are a fascinating part of our Earth’s history. Palaeontologists are scientists who discover and study fossils to determine the types of life that once lived on Earth, and how long since they became extinct. Students will investigate the history of the Earth, the different periods, and the types of dinosaurs that roamed the Earth at these times. Students will carry out activities such as making their own fossils, carrying out a fossil dig and making models of dinosaurs.
### Year 7 & 8 Elective Subject Selections

**Term One**

**NAME:** __________  **HOME GROUP:** __________

<table>
<thead>
<tr>
<th>BLOCK A</th>
<th>BLOCK B</th>
<th>BLOCK C</th>
<th>BLOCK D</th>
<th>BLOCK E</th>
<th>BLOCK F</th>
<th>BLOCK G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crazy Toys</td>
<td>PE</td>
<td>Patchwork</td>
<td>Dance</td>
<td>Geography</td>
<td>Geography</td>
<td>Extra PE</td>
</tr>
<tr>
<td>Geography</td>
<td>Food, Fabulous Food</td>
<td>PE</td>
<td>Improvisation (Drama)</td>
<td>Snacking with a difference</td>
<td>LOTE</td>
<td>Keyboard (Music)</td>
</tr>
<tr>
<td>LOTE</td>
<td>LOTE</td>
<td>Creative Metal</td>
<td>Painting</td>
<td>Cows Create Careers</td>
<td>PE</td>
<td>Spray-It Graffiti Art</td>
</tr>
</tbody>
</table>

**Note:** All students study the core subjects of English, History, Maths and Science. 

**In addition to this, all students MUST choose:**

- **One - Geography**
- **One - LOTE**
- **One - PE**

**At least one of - Food OR Fabric Technology**

**At least one of - The Arts**

**Optional Subjects: Extra Science, Extra PE & Creative Metal**

All students have been placed in Wood Technology this term.

Please write 1, 2 or 3 in the box next to each elective in each block

(1 = 1st choice, 2 = second preference, 3 = 3rd choice)

- **Block A**
  - Crazy Toys
  - Geography
  - LOTE

- **Block B**
  - PE
  - Food, Fabulous Food
  - LOTE

- **Block C**
  - Patchwork Frenzy
  - PE
  - Creative Metal

- **Block D**
  - Dance
  - Drama—Improvisation
  - Painting

- **Block E**
  - Geography
  - Snacking with a difference
  - Cows Create Careers

- **Block F**
  - Geography
  - LOTE
  - PE

- **Block G**
  - Extra PE
  - Music—Keyboard
  - Spray-It Graffiti Art