



Course Description:

Introduction to the Design and Technology learning area where students are introduced to the skills and processes outlined in the Australian Curriculum. It covers basic tool and machine identification and use, including general safety precautions, allowing students to design and construct a range of projects of increasing complexity as the year progresses.

Course Outcomes:

By the end of this unit you should be able to:

- * Use basic marking out tools and techniques accurately.
- * Safely use tools and machines as shown.
- * Persist with a task and complete it to the very best of their ability.
- * Finish all projects to a high standard.
- * Identify and describe the function of all tools used.
- * Use the design process to design, produce and evaluate their own projects.

Course Organisation:

The organisation of the unit will be:

Largely practical work supplemented with theory sessions as needed.

Students' activities for assessment will include:

Yr 7 acrylic (T1)	Yr 7 wood (T2)	Yr 7 acrylic (T3)	Yr 7 metal (T4)
<ul style="list-style-type: none"> * Key tag (D) – acrylic 3mm * Shell edge bowl – acrylic 3mm * Photo stand - acrylic 2mm * Screwdriver rack - acrylic 6mm 	<ul style="list-style-type: none"> * Cup tree (D) - pine 40 x 40mm & 140 x 19mm & dowel * Pencil holder - pine 140 x 19mm * Cross halving joint - neat oh 42 x 19mm * Peg clip board - MDF 3mm, pine 42 x 19mm 	<ul style="list-style-type: none"> * Egg cup – acrylic 3mm * Coat hook - acrylic 6mm * Teabag squeezer - acrylic 3mm * Tie rack - clear acrylic 6mm * Small scoop - acrylic 3mm 	<ul style="list-style-type: none"> * Bottle opener – steel 25 x 3mm * Belt loop clip - brass 25 x 3mm * Drill bit holder - 140 x 19mm * Linked elephants - 70 x 19mm * Heart giraffe - 140 x 19mm

Specific Equipment required for each lesson:

- * Closed-in, sturdy shoes.
- * No loose clothing.
- * Long hair tied back.
- * Exercise book and pencil case.