

# Use of Machinery and Equipment in the Industrial Technology & Design (ITD) curriculum.

At The Cathedral College, students participating in any of the ITD subjects will be involved in operating a range of machines and use a variety of hand tools. The use of any equipment comes with some risk. The degree of risk depends on a number of factors including the age and experience of the user, the attitude of the user, the type of work being performed, and the training provided. The ITD curriculum and related use of machinery & equipment is given careful consideration to ensure :-

- Appropriate training is provided in the operation and use of machinery & equipment.
- All equipment being used is age appropriate
- Safety Inductions are conducted prior to practical activity
- The ONGUARD safety program is utilised to provide a knowledge base
- Compliance with Workplace Health & Safety requirements

A number of typical resources and processes common in ITD workshops have been assessed as having a potential high or extreme risk of injury associated with their use. This means that measures are required to be in place to control the risk.

Below is listed some of the typical machinery and equipment your son or daughter may be using in ITD subjects. Please be aware these are examples only.

Year 7	Drill Press, Combination Linisher Disc Sander, Cordless Drill, CNC Router
Year 8	Drill Press, Combination Linisher Disc Sander, Cordless Drill, 3DPrinter
Year 9	Spot Welder, Magnabend, Bandsaw, Sander Thicknesser CNC Router,
Year 10	Router, Lathe, Biscuit Cutter, Bench Shears, Scroll Formers, MIG Welder
Year 11	Table Saw, Chisel Mortiser, Router Table, Thicknesser, MIG , Stick & Oxy Welders, Plasma Cutter
Year 12	Drop Saw, Metal Lathe, Milling Machine, CNC Router, Cold Saw, Abrasive Cut-off Saw

Please be assured that every effort is made to provide a safe working environment for your student and that safety in the workshop is always a priority.

Students who do not demonstrate appropriate maturity or fail to complete safe operational training will be restricted in their use of ITD equipment.

## **Permission to use Machinery and Equipment in the ITD Curriculum**

### Parent or Guardian

As the parent or guardian of \_\_\_\_\_, I hereby give permission for them to actively participate in any ITD subject which will involve the use of a range of machines and equipment.

I understand they will be undertaking practical activities which will involve the use of specific ITD machinery, tools or processes, some of which have been assessed as High or Extreme risk.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_