



# OnGuard Safety Training

MAKING SENSE OF WORKPLACE SAFETY TRAINING

[www.OnGuardSafety.com.au](http://www.OnGuardSafety.com.au)

## OnGuard 'ACEProSTEMM' Product Guide

### Training Units listed by Curriculum Pack

Our OnGuard ACEProSTEMM program is designed to specifically meet the needs of the new Australian STEM education initiative. We can tailor the training sessions to your specific STEM curriculum requirements. Training sessions can be subscribed to per pack or individually.

**ACEProSTEMM** – At start-up there is a 'Teacher Registration'. It is a once-off payment. It is \$100 + GST per teacher. Each Curriculum Pack has a subscription price for the FIRST year of subscription. Then, each year after, the same amount - 'Annual Subscription' - is paid. You will be invoiced annually on your account anniversary.

### STEMM Curriculum Packs

#### Automotive Pack - (Suits Years 7 - 12)

Safety	Equipment
Automotive Hazardous Substances	Automotive Handtools
Automotive Workshop Safety	Automotive Lifting Equipment
	Hydraulic Press

#### Agriculture Packs - (Suits Years 7 - 12)

Pack A – Safety / Equipment	Pack B – Animals
Agriculture General Safety	Working with Horses & Cattle Safely
Agricultural Hazardous Substances	Working with Poultry & Fowl Safely
Agriculture Farm Vehicles	Working with Small Livestock Safely
Agriculture Tractors	
Hand Operated Power Equipment	

#### Food Technology Packs – (Suits 7 - 12)

Pack A - Safety	Pack B - Appliances	Pack C - Fixed Appliances
Food Intolerances and Allergies	Bain Marie	Combi Oven
Food Technology Safety	Coffee Grinder	Electric Cooktop Ovens and Cook
General Kitchen Safety	Deep Fryer – bench	Tops
Kitchen Knives	Domestic Appliances	Gas Cooktop
Knives 18cm Blades	Espresso Machine	Gas Oven
	Food Preparation Appliances	Ovens
	Food Processor	
	Microwave Oven	
	Salamander	
	Stick Blender - commercial	



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## Manufacturing and Plastics Packs - (Suits Years 7 - 12)

<b>Pack A - Equipment</b> Electric Soldering Iron Knives – Utility/Craft Hot Melt Glue Gun Metalworking Hand tools Pyrography Hot Poker Woodworking Hand tools	<b>Pack B - Equipment</b> Bottle Rocket Launcher Compressed Air Equipment Finishing Materials LPG Equipment Metal Craft Tools Spray Painting Booth	<b>Pack C - Safety</b> Electronics Safety General Workshop Safety Introduction to Workshop PPE Wood Machinery Safety Power Tool Safety Workplace Safety Signs
<b>Pack D - Machines</b> Bench & Pedestal Drill Bench & Pedestal Grinder Buffing Wheel Disc & Belt Sander Combo Scroll Saw	<b>Pack E – Cordless Tools</b> Drill Jigsaw Screwdriver Dremel Rotary Tool Oscillating Multi-tool Staple Gun	<b>Pack F – Corded Tools</b> Drill - Portable Hegner Comb Jointing Machine Jigsaw Oscillating Multi-tool Staple Gun
<b>Pack G - Plastics</b> Fibreglassing Heating Ovens Hot Air Gun Plastic Strip Heater	<b>Pack H - CleanTech Machines</b> 3D Benchtop Milling Machine CNC Flatbed Router CNC Lathe CNC Router Laser Cutter Vacuum Former	<b>Pack I - Other</b> 3D Rapid Prototype Printer Hot Wire Cutter RPA Drones

## Metal Technology Packs - (Suits Years 7 - 12)

<b>Pack A – Corded Tools</b> Angle Grinder – 100mm Angle Grinder – 125/230mm Nibbler Spot Welder – Portable	<b>Pack B – Machinery (LR)</b> Drill-Mill Machine Guillotine/Bench Shears Magnabend Folder Metal Circular Saw Metal Turning Lathe Pan Brake Folder Pipe and Tube Benders Sheetmetal Curving Rolls	<b>Pack C - Machinery (MR)</b> Belt Linisher/Grinder Buffing Wheel Drilling Machine – Geared Head Metal Bandsaw – Vertical Metal Bandsaw – Horizontal Power Hacksaw Shaping Machine
<b>Pack D – Heat Processes</b> Electric Arc Welder MIG Welding Machine Oxy Acetylene Equipment Oxy Propane Equipment Plasma Cutter Soft Soldering Equipment	<b>Pack E – Machinery (HR)</b> Abrasive Cut-Off Saw Milling Machine – Horizontal Milling Machine – Turret Spot Welder – Fixed TIG Welder	



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## Wood Technology Packs - (Suits Years 7 - 12)

### Pack A – Machinery (LR)

Blade Sharpener  
Disc & Belt Sander Combo  
Disc Sander  
Vertical Spindle Sander  
Wood Turning Lathe

### Pack B – Machinery (MR)

Belt Linisher  
Dowelling Machine  
Drum Sander  
Mortiser Machine  
Router Table – Sliding  
Wide Belt Sander

### Pack C – Machinery (HR)

Bandsaw  
Drop Saw  
Panel Saw  
Table Circular Saw  
Wood Thicknesser

### Pack D – Machinery (ER)

Jointer Planer  
Radial Arm Saw  
Router table – Fixed  
Spindle Moulder  
Wall Saw

### Pack E – Corded tools

Belt Sander >100mm  
Festo Domino Jointer  
Plate Connector  
Laminate Trimmer  
Nail Gun  
Orbital Sander  
Planer  
Random Orbit Sander  
Router  
Staple Gun

### Pack F - Cordless Tools

Planer  
Laminate Trimmer  
Nail Gun  
Plate Connector  
Orbital Sander  
Staple Gun

## Textiles Technology Packs - (Suits Years 7 - 12)

### Pack A - Equipment

Electric Frypan / hotplate  
Electric Iron  
Hair Dryer  
Textile Tools  
Textile Technology Safety

### Pack B - Machines

Industrial Sewing Machine  
Overlocker  
Power Scissors  
Rotary Cutter  
Sewing Machine



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## Just-In-Time Mobile Web – QR CODE ACCESS using mobile devices (Suits Years 7 - 12)

Student Mobile Device Access Student access using tablets and phones	Teacher Mobile Registers Teacher registration using tablets and phones	Mobile Machine Inspections Machine Inspections using tablets and phones
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## VET Curriculum Packs

### Trade Centre – (you can subscribe to units individually)

<b>Pack A - Metal Engineering</b> Angle Grinder -180/230mm Hydraulic Brake Pan Hydraulic Guillotine Hydraulic Punch and Shear	<b>Pack B - Hospitality</b> Bratt Pan Commercial Dishwasher Commercial Food Processor Commercial Mixer Deep Fryer – Floor Mandolin Slicer Meat Slicer Safe Food Handling and Coolrooms	<b>Pack C - Construction</b> Concrete Mixer Jack Hammer Masonry Saw Masonry Saw - Portable Reciprocating Saw - Corded
<b>Pack D - Furnishings</b> Edge Banding Machine Planer - Corded	<b>Pack E - Automotive</b> Tyre Changer Wheel Balancer	<b>Pack F - Cordless Tools</b> Angle Grinder – 180/230mm Circular Saw Planer Reciprocating Saw

## Science STEMM Curriculum Packs

### Science Packs - (Suits Years 7 - 12)

<b>Pack A - Safety</b> Handling Animals in Science Safely Handling Plants in Science Safely Science Field Trip Safety Water & Weather Studies Safety	<b>Pack B - Laboratory</b> Electrical Apparatus Safety Fire Prevention in Science General Laboratory Safety Hazardous Substances in Science Laboratory Glassware Safety Personal Protective Equipment in Science
<b>Pack C - Focus areas</b> Handling Biological Specimens Safely Radiation and Laser Safety Safety in Chemistry Safety in Geology Safety in Physics	



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## Vocational and Staff Training

### Safe at Work Packs - (Suits Staff)

#### Pack A - Legislation

Controlling Hazards and Risks  
Duty of Care  
Reporting Hazards  
Responding to Incidents  
Risk Management Principles  
Role of WHS Personnel  
WHS Acts, Legislation and Regulations  
WHS Communication Processes

#### Pack B - Practices

Accessing First Aid  
Computing  
Containing Labels and MSDS  
Hazard Identification  
Hazardous Substances  
Manual Handling  
Workplace Safety Signs

#### Pack C - Safety

Fire Safety Equipment  
Personal Protective Equipment  
Work Health & Safety