



OnGuard Safety Training

MAKING SENSE OF WORKPLACE SAFETY TRAINING

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)

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

Metal Technology Packs - (Suits Years 7 - 12)

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

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

Science STEMM Curriculum Packs

Science Packs - (Suits Years 7 - 12)

Pack A - Safety Handling Animals in Science Safely Handling Plants in Science Safely Science Field Trip Safety Water & Weather Studies Safety	Pack B - Laboratory Electrical Apparatus Safety Fire Prevention in Science General Laboratory Safety Hazardous Substances in Science Laboratory Glassware Safety Personal Protective Equipment in Science
Pack C - Focus areas 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

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