



DESIGN & TECHNOLOGY FOR HOME EDUCATION

ABOUT OUR KITS:

- For more detail on the kits listed below and what they do, or to see our complete range of kits, please refer to either the Technology Catalogue or the first section of the Products Catalogue.
- Many of our kits require the maker to supply material for bases / vehicle chassis / clock faces etc.
*NOTE: Those identified with (**) have the chassis supplied.*
- Those kits identified as “-NS” are non-solderable projects – the motor, switch and battery holders come with wires pre-attached.
- All other kits require the maker to supply hook up wire, and most will require soldering of those wires.
- Batteries are available, but not included in our kits.

BEFORE ORDERING:

- If you are undecided about whether a project will suit your student or the student's skill levels, we can send you an Overview / Teaching unit to help decide.
- We suggest you contact us by email and we can send you a list of the additional requirements and required tools for a particular kit, to ensure you work out what else is needed, and cover all your requirements in one order.
NOTE: This is very important, as some kits have special requirements. For example, the LUMA LAMP uses specific Forstner bits, Picaxe programmable kits require a Picaxe download cable, etc.

SCORPIO TECHNOLOGY KITS - NO SOLDER****

MYOB CODE	NAME OF KIT	LEVEL
PRIMARY KITS		
BLUEY	Bluey – Blue Brothers**	Basic
BREEZY	Breezy – Blue Brothers**	Basic Mechanical & Intro Electric Circuits
BLUEBIRD	Bluebird – Blue Brothers**	Basic Mechanical & Intro Electric Circuits
BLUESKY	Blue Sky – Blue Brothers**	Solar Energy & Intro Electric Circuits
CDCLOCK22 B/G	CD Clock 2212 Black / Gold	Clock making
CDCLOCK27B/G	CD Clock 270 Black / Gold	Clock making
KJ8996	Make Your Own Clock	Clock making (Junior Primary School)
LPCLOCK27B/G	LP Clock 270 Black / Gold	Clock making
MORSE	Morse Code Kit	Electric Circuits
SIMPCIRC	Introducing Simple Circuits	Electric Circuits
SIMPCEXT1	Simple Circuits Extension Kit 1	Electric Circuits
SIMPCEXT2	Simple Circuits Extension Kit 2 - EM	Electric Circuits
SIMPCFAHN	Introducing Simple Circuits (Fahnstock)	Electric Circuits

All of our Primary Kits (which are also suitable for use by junior secondary students) are no-solder kits.



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MYOB CODE	NAME OF KIT / ITEM	LEVEL
TECHNOLOGY & SOLAR		
BALAN-NS	Balance Plane (No Solder)	Introductory
BELTCAR-NS	Belt Driven Car (No Solder)	Introductory
BUBBLE-NS	Bubble Blower (No Solder)	Introductory
CAPTIVE-NS	Captive Aeroplane (No Solder)	Introductory
DRAG-NS	Dragster (No Solder)	Intermediate
FERRISV2-NS	Ferris Wheel V2 (No Solder)	Intermediate
INTROELEC	Introducing Electronics	Electronics
MARK-NS	Mark's Monster (No solder)	Intermediate
PROPC-NS	Propelled Car (No Solder)	Introductory
SOCCER-NS	Soccer 'Bot (No solder)	Introductory
SOLARB-NS	Solar Car (Basic), (No solder)	Introductory
SOLCORHOUSE	Solar House Project – Corflute	Solar Projects
SOLCOMP	Solar House Project – Components Kit	Solar Projects
SOLPROJBRD	Solar Project Baseboard	Solar Projects
SOLHOUSEK	Solar House Kit	Solar Projects
STEADY-NS	Steady Hand Game (No solder)	Introductory & Electric Circuits
WHIRLY-NS	Whirly (No Solder)	Introductory

****Some of our other kits can be converted to No Solder kits by the use of the terminated wires, twist-on connectors and substituting switches with wires to the normal small slide switch. These include the Hovercraft (Code: **Hover**), Intro Solar Boat (Code: **SBTINT**) and Simple Vehicle (Code: **SIMPLE**). More info available in the document “*Converting Solder Kits to No Solder Kits and How*” on our website’s Teaching Units page.

MYOB CODE	NAME OF KIT / ITEM	LEVEL
SOLAR CHALLENGE		
AXBKTK	Axle Bracket kit	Solar Challenge
AXFRK	Axle And Frame kit	Solar Challenge
FAUMMK	Faulhaber Mounting Kit	Solar Challenge
FAUMOTK	Faulhaber Motor & Mounting Kit	Solar Challenge
FRONT	Front Wheel & Steering Linkage	Subsystem
HARNESS26	Wiring Harness Kit (Solar 26)	Sheridan
SBTADV	Advanced Solar Boat	Solar Challenge
SHERIDAN	Sheridan Car Challenge	Solar Challenge
SM403MMK	SM403 Motor Mounting Kit	Solar Challenge
SM403MOTK	SM403 Motor & Mounting Kit	Solar Challenge



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MYOB CODE	NAME OF KIT	LEVEL/TYPE
GEARBOX KITS ***		
GADVAN	Multi-Ratio Advanced Gearbox Kit	Subsystem - Gearboxes
GBASIC	Basic Gearbox & Motor	Subsystem - Gearboxes
GBOXVBUBM	Gearbox (Bubble Version)	Subsystem - Gearboxes
GBOXVJOURM	Gearbox (Jouster Version)	Subsystem - Gearboxes
GFOUR	Four Ratio Changeable Gearbox	Subsystem - Gearboxes
GINTER	Intermediate Gearbox Kit	Subsystem - Gearboxes
GMULTI	Multi-Ratio Gearbox	Subsystem - Gearboxes
GRED	Gearbox & Motor / Generator Kit	Subsystem - Gearboxes
GSHALL	Shallow Gearbox	Subsystem - Gearboxes
GTWOR	Two Ratio Gearbox Kit	Subsystem - Gearboxes
GVERS6	Versatile Gearbox Kit-6 Speed	Subsystem - Gearboxes

*** Gearbox kits (sub-systems) can, with the use of terminated wires, be used without the need to solder wires to the motor terminals.

MYOB CODE	NAME OF KIT	LEVEL/TYPE
MICROCONTROLLERS – ARDUINO COMPATIBLE		
BUGGY4WDUNO OUS	Buggy 4WD Ultrasonic Robot Car V2.0	Microcontrollers
MEGA2560R3	MEGA 2560 R3 Development Board with Cable	Microcontrollers
SMARTHOUSE	Smart Home Kit for Arduino	Microcontrollers
TURTLESM	Smart Turtle Robot for Arduino	Microcontrollers
UNOSTARTV2-NB	Basic Starter Kit V2.0 – No Board	Microcontrollers
UNOMULTISHLD	Keyestudio Multi-Purpose Shield V2	Microcontrollers
UNOSTARTBRBR DJ	UNO Breadboard and Starter Kit	Microcontrollers
UNOR3BRBRD400	Universal Experimental Platform with UNO R3, 400 Tie Point Breadboard & Acrylic Board	Microcontrollers
UNOR3CH340G	UNO R3 ATMEGA328P-AU Development Board with Cable	Microcontrollers
37SENSOR	37-in-1 Sensor Kit	Microcontrollers
A range of breadboards, jumper leads, header strips & sockets, compatible cables and other related products can be found in our on-line Product Catalogue.		
We also have a couple of breadboard projects – Wind Generator and Morse Code - available on request.		