KodeKLIX

WESTERN AUSTRALIA INNOVATOR OF THE YEAR 2018
GROWTH CATEGORY FINALIST

PREMIER'S SCIENCE AWARDS 2018
COMMUNITY ENGAGEMENT FINALIST

The KodeKLIX® digital technology teaching system was developed through a collaboration of Australian engineering and education professionals. The system is unique as it combines both computer coding and electronics hardware to help students understand how things work in the real world.

KodeKLIX® was created with the vision to educate our younger generation in electronics and associated sciences through a fun-to-use platform. Children as young as eight learn about real world engineering control problems using drag-and-drop coding blocks and snap together electronics, without traditional barriers of complex computer syntax or risk of burnt fingers from soldering wires together.

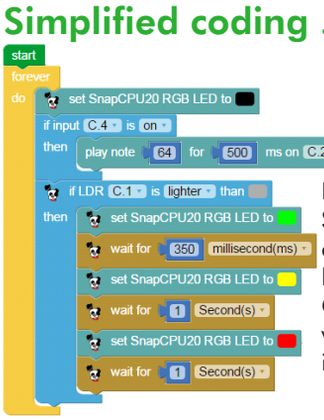
Coding is in BLOCKLY, a visual coding language by Google, that allows "blocks" of code to be dragged, dropped and edited. Electronics is mastered with snap-together components, much the same way that Lego blocks snap together. Coding is integrated into electronics through KodeKLIX's® programmable component, the SnapCPU™ which is powered by a PICAXE chip.

"**STEM in Practice**" teaching materials have been developed by the Association of Independent Schools of Western Australia (AISWA) and exclusively tailored to use KodeKLIX® kits to help address a host of curriculum and reporting requirements of the Australian national STEM curriculum in science, technology, engineering and maths subjects.

Examples of creative off-board projects.

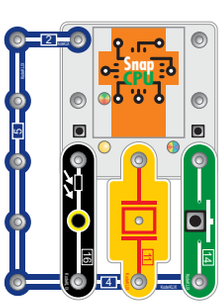
The "STEM in Practice" materials provide teachers with everything needed to start teaching electronics and coding. Included in the educationally sound support materials are structured and open-ended activities, tips and curriculum insights for teachers and a student workbook for reflecting on concepts presented. The optional extension kit (used with the extension activity book) empowers capable students to develop design solutions using a range of sophisticated electronics components.

Simplified coding ...



BLOCKLY™: a Scratch-like coding language by Google, with support for inputs/ outputs

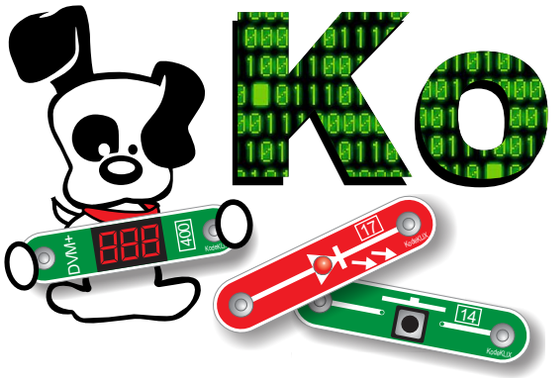
Simplified construction ...



Exclusive SnapCPU™ controller developed here in WA!

Snap-type electronics: like BrainBox, Snap-Circuits, but with fewer connections

www.kodeklix.com



KodeKLIX

with AISWA's

STEM in Practice

Class Set Pricing - Kits and Books

Description			Qty	Standard Kit RRP	Book Set Free with Class Set	Plus Kit RRP	Book Set Free with Class Set
32 Students	Book Set	Student Workbook	32	$250	Total **$2,530**	$250	Total **$2,990**
		Core Student Activity Book	16				
		Extension Student Activity Book	8				
		Teacher Resources Book	1				
	Kits	KodeKLIX® Core Kits	16	$2530		$2,990	
		KodeKLIX® Extension Kit & Spares Kit	1+1				
16 Students	Book Set	Student Workbook	16	$140	Total **$1,490**	$140	Total **$1,890**
		Core Student Activity Book	8				
		Extension Student Activity Book	2				
		Teacher Resources Book	1				
	Kits	KodeKLIX® Core Kits	8	$1490		$1890	
		KodeKLIX® Extension Kit & Spares Kit	1+1				

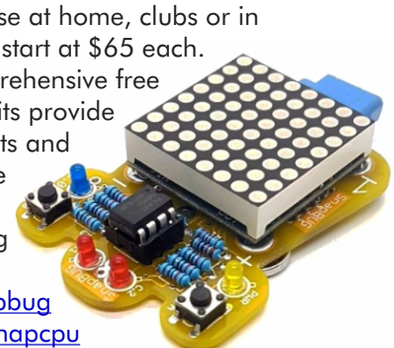
KodeKLIX® Kit Only Pricing

Teacher Core Kit & Books	Includes: KodeKLIX® Core Kit & 3 Pack AISWA Books	$199
Core Kit	KodeKLIX® Core Kit	$135
Extension Kit	KodeKLIX® Extension Kit	$240
Spares Kit	KodeKLIX® Spares Kit	$145

Replacement Student Workbooks are also available for $1.95 each.

SnapBug Kit & CPU Starter Kits

Smaller kits suited for use at home, clubs or in co-curricular programs start at $65 each. Supported by our comprehensive free on-line resources, the kits provide an introduction to circuits and coding, and can include projects with sounds and music or controlling dot matrix displays. See www.kodeklix.com/snapbug or www.kodeklix.com/snapcpu for further information and class pricing.



Booster pack for WA DoE Schools

Western Australian public schools that received Snap-On circuit kits can have them upgraded to include coding support and broader STEM capability with our KodeKLIX® Booster Pack.

The KodeKLIX® Booster Pack complements the basic kits that schools already have and includes our most advanced SnapCPU™. A range of additional components from our School STEM Core Kit are also provided.

When combined with the "Stem in Practice" workbooks developed by the Association of Independent Schools of Western Australia (AISWA), KodeKLIX® provides a complete Australian Curriculum aligned STEM solution for Year 4 to Year 7 students.

Description		Price
Single Booster Pack	For 1 student or teacher	$99
16 Booster Pack Class Set	For 32 paired students	$1,519
Extension Kit	Usually one per class	$240
Stem in Practice	AISWA class book set	$190