

Through engaging missions, students explore digital systems, coding and core computing concepts.

B4 Learning System



DIGITAL
TECHNOLOGIES
INSTITUTE

Primary
Secondary

B4 Primary School Starter Kit

Binary Numbers • Variables • Adding • Pixel Graphics

B4 Spark and B4 Classic

Binary Numbers • Variables • Memory • Digital Systems • Sequences • Automation • Building a Calculator

B4 Graphics Extension Kit

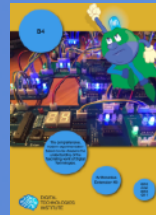
Pixels • Animation

B4 Arithmetics Extension Kit

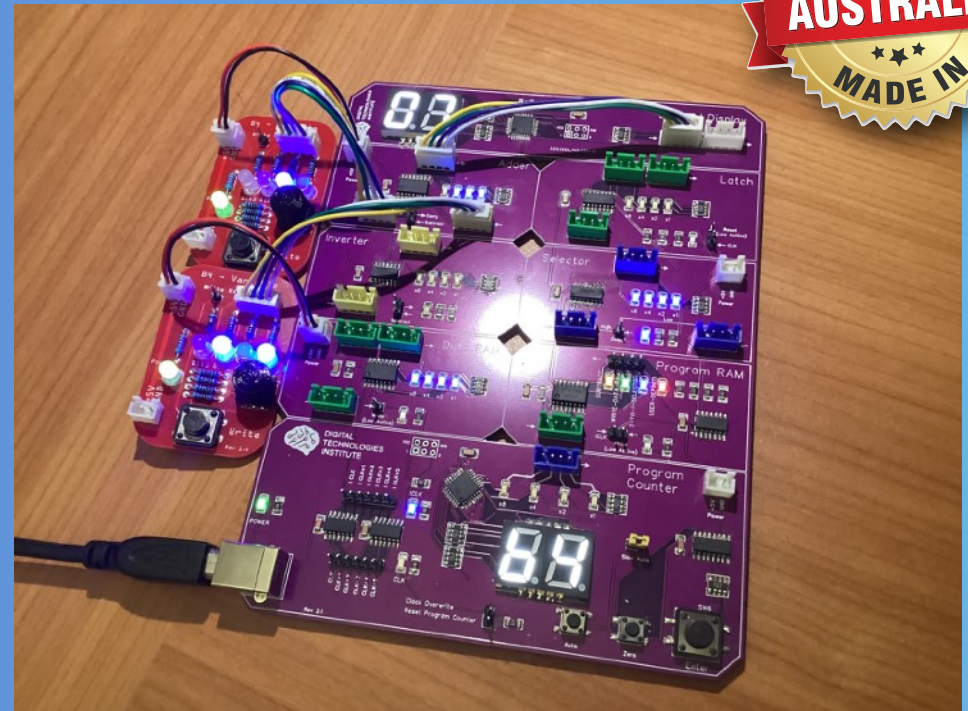
Loops • Decisions • Algorithms

B4 Computer Memory Kit

RAM • Computer Architectures • Engineering



DIGITAL SYSTEMS HANDS-ON



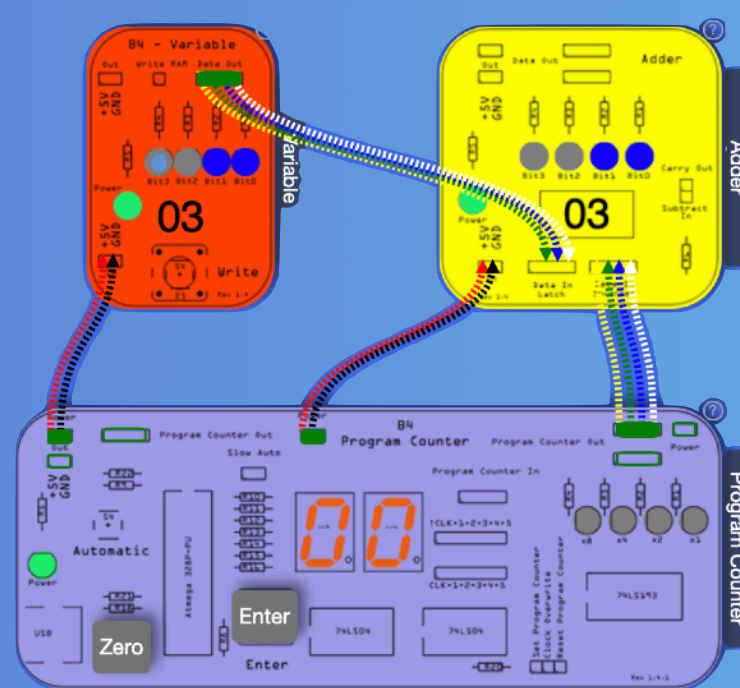
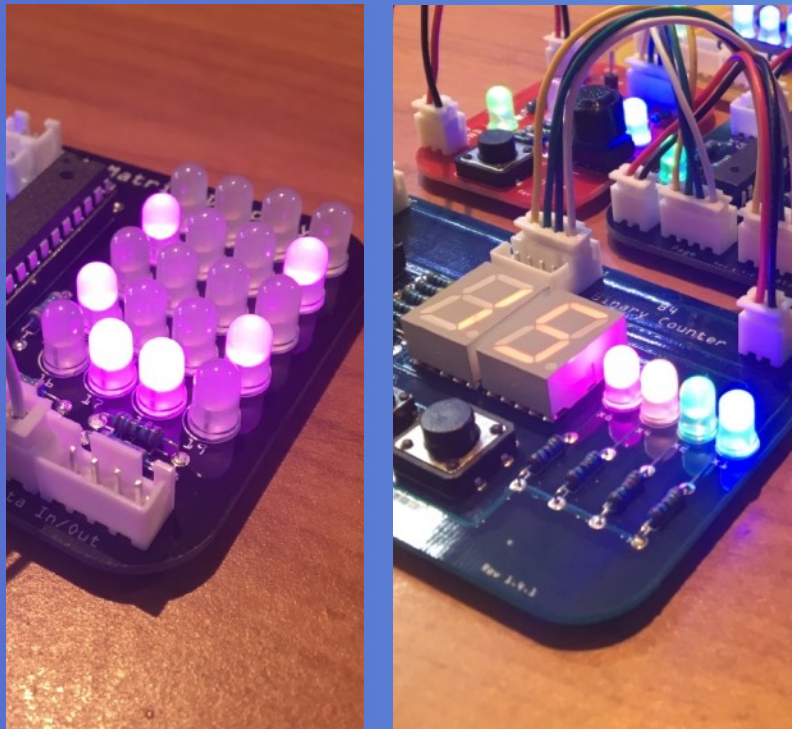
DIGITAL
TECHNOLOGIES
INSTITUTE

Find more info on the web:
digital-technologies.institute

How does a computer work?
How does it add?
What are binary numbers?

SUITABLE FOR PRIMARY
AND SECONDARY

Open, interactive, programmable and beautifully hands-on



Experience Digital Technologies Like Never Before.

The B4 Digital Technologies Learning System is a term-long complete unit suitable for primary and secondary school students, consisting of:

- physical and online kits,
- lesson plans (printed+online) of easy-to-follow lessons,
- video tutorials, mentoring & support by STEM professionals.

The B4 supports deep enquiry-based learning and differentiated student projects. The experiments stimulate problem-solving, collaboration, creativity and critical thinking.

The B4 is a complete STEM kit in a box. Teacher PD workshops are available.

We have carefully transformed core computing concepts into a syllabus and lesson plans suitable for primary and secondary students.