

Is your school implementing Digital Technologies?



Class resources: Digital Technologies Challenges

The Academy is developing 18 Challenges for students and teachers to learn the most **technically challenging** parts of Digital Technologies. Our **free** resources, mapped to the Australian Curriculum, include:

- **visual and text programming** for Years 5-6 and 7-8
- **teacher lesson plans, support materials** and expert advice
- **free access to automated marking and feedback** for Years 5 and 7

Unpack the curriculum: key concepts

The Digital Technologies curriculum has been designed around **ten key concepts**. While the vocabulary is new, many of these concepts are ideas that teachers will already be familiar with.

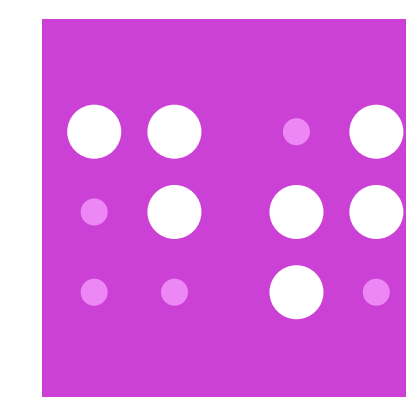
We unpack the key concepts in our **workshops, website** and **blog**. Ask for help via **email** or **phone**.



Abstraction



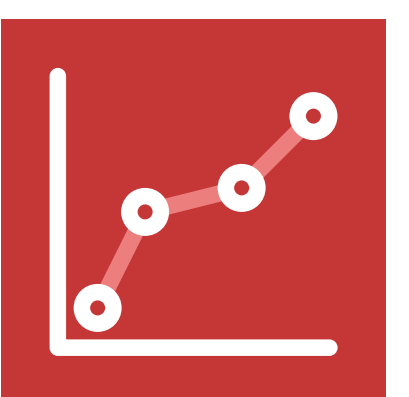
Digital Systems



Data Representation



Data Collection



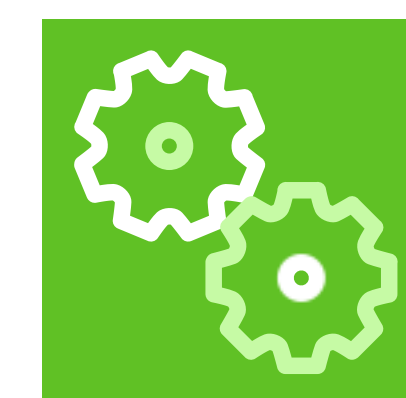
Data Interpretation



Specification



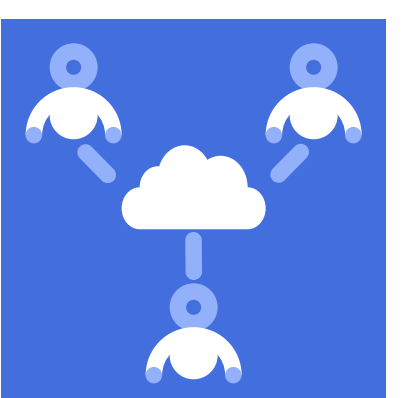
Algorithms



Implementation



Impact



Interactions



Professional Development: 1- and 2-day workshops

To help teachers develop their technical and pedagogical capabilities, the Academy is running PD workshops across Australia:

- for **primary** and **secondary** teachers of Digital Technologies
- for **all teachers** - pre-service, beginning, and experienced
- in partnership with associations, departments and universities

These workshops **meet accreditation requirements** in all jurisdictions.

Engage your school: *Dive into Code*

Get your school started with short, engaging **Digital Technologies** and **ICT Capability** (digital literacy) activities, curated by the Academy.

Look out for *Dive into Code* week in 2018. Dive in!

diveintocode.edu.au

