Implementing the Digital Technologies curriculum is easy!

Try our free resources for years 3-8 in your classroom.

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General ICT Capability

The ICT Gen Capabilities require that students can efficiently and securely manage digital data.

Digital Citizenship is an acceptance and upholding of responsible behaviour online and falls under applying social and ethical protocols and practices when using ICT.

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General ICT Capability

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General ICT & Digital Tech

DT: Analyse and visualise data to create information and address complex problems. Also: Maths, Science, HSS & other curricula.

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General ICT & Digital Tech

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Digital Technologies

Students evaluate their own solutions and examine the sustainability of their own and existing information systems.

Abstraction involves hiding detail of an idea, problem or solution that are not relevant to focus on a manageable number of aspects. It underpins everything.

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Digital Technologies

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Digital Technologies

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Digital Technologies

Helping teachers implement the Australian Curriculum Digital Technologies

Australian Digital Technologies Challenges for years 3-8.

Workshops and online courses for teachers.

Expert email, phone and online advice and support for teachers

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**General ICT Capability**

Printing is a skill that is fundamental to engaging with digital technologies. It is not a skill that is mentioned in any curriculum or in the general capabilities.

**Digital Technologies**

Implement digital solutions as visual and text-based programs, increasing in complexity, involving user input, branching, iteration, functions and data structures.

**General ICT Capability**

Word processing is covered under creating and modifying simple digital solutions and creative outputs for particular purposes.

**Digital Technologies**

Students investigate how data is transmitted and secured in wired and wireless networks.

**General ICT & Digital Tech**

ICT: Students apply appropriate protocols using ICT to safely create, communicate or share information.

DT: Investigate how data is transmitted and secured in networks.

**General ICT Capability**

Presentation tools are covered under creating and modifying simple digital solutions and creative outputs for particular purposes.

**General ICT Capability**

Students are expected to use appropriate ICT tools safely to share and exchange information with appropriate audiences.

**Digital Technologies**

Recognise / Examine / Investigate different types of data.
Digital Technologies

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Data is a major thread of the DT curriculum. Students collect, explore, examine, investigate, validate, analyse and visualise data.

General ICT Capability

Australian Computing Academy

Students are expected to locate, retrieve and generate information using search engines and other tools.

General ICT Capability

Australian Computing Academy

Typing is a skill that is fundamental to engaging with digital technologies. It forms part of the National literacy progression.

General ICT Capability

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Graphical Design is covered under creating and modifying simple digital solutions and creative outputs for particular purposes.

Digital Technologies

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Students design the user experience of a digital system, evaluating designs against specific criteria.

Digital Technologies

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Problem-solving methods involving techniques and strategies that can be implemented by digital systems, e.g. identifying similarities or decomposing problems.

Digital Technologies

Australian Computing Academy

Students follow, modify and design algorithms of increasing complexity. Starting with sequential steps they add branching, then iteration to solve more difficult problems.

Digital Technologies

Australian Computing Academy

Programming a robot should involve algorithms & implementation. E.g. make a robot recognise objects & react accordingly, or autonomously navigate a maze.

Digital Technologies

Australian Computing Academy

Recognise and explore patterns in data and represent data as pictures, symbols and diagrams.
Multimedia is covered under creating and modifying simple digital solutions and creative outputs for particular purposes.