

Content Descriptions

Australian Curriculum Levels F-2	Western Australian Pre-Primary Year Syllabus
Digital systems	Digital systems
Recognise and explore digital systems hardware and software components for a purpose (ACTDIK001)	Digital systems (hardware and software) are used at home, in the school and in the community (ACTDIK001)
Representation of data	Representation of data
Recognise and explore patterns in data and represent data as pictures, symbols and diagrams (ACTDIK002)	Data can have patterns and can be represented as pictures and symbols (ACTDIK002)
Collecting, managing and analysing data	Collecting, managing and analysing data
Collect, explore and sort data, and use digital systems to present the data creatively (ACTDIP003)	Collect and use data of any kind (ACTDIP003)
	Digital implementation
	Use data to complete a task (ACTDIP003)
Investigating and defining	Investigating and defining
Following, describe and represent a sequence of steps and decisions (algorithms) needed to solve simple problems (ACTDIP004)	Explore needs for design (WATPPS01)
Generating and Designing	Designing
Explore how people safely use common information systems to meet information, communication and recreation needs (ACTDIP005)	Generate and record design ideas through describing, drawing, modelling and/or a sequence of written or spoken steps (WATPPS02)
	Producing and implementing
	Use given components and equipment to safely make simple solutions (WATPPS03)
	Evaluating
	Use personal preferences to evaluate the success of simple solutions (WATPPS04)
Collaborating and managing	Collaborating and managing
Create and organise ideas and information using information systems independently and with others, and share them with known people in safe online environments (ACTDIP006)	Work independently, or with others when required, for solutions (WATPPS05)
	Digital implementation
	Engage with information known people have shared in an online environment, and model strategies to stay safe online (ACTDIP006)

Achievement Standards

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By the end of Year 2, students identify how common digital systems (hardware and software) are used to meet specific purposes. They use digital systems to represent simple patterns in data in different ways. Students design solutions to simple problems using a sequence of steps and decisions. They collect familiar data and display them to convey meaning. They create and organise ideas and information using information systems, and share information in safe online environments.	At Standard, students label digital systems (hardware and software) and where they are used. They represent data using pictures, symbols and patterns. Students follow safety strategies while they collect and use information from an online source. In Digital Technologies, students explore needs for designing simple solutions. They generate and record design ideas through describing, drawing, modelling and/or a sequence of written or spoken steps. Students safely use given components and equipment, to make simple solutions and evaluate their success using personal preferences.

AUSTRALIAN CURRICULUM & WESTERN AUSTRALIAN SYLLABUS

Levels F-2 & Pre-Primary

