Content Descriptions	Objectives and Outcomes
Australian Curriculum Levels F-2	**New South Wales Stage 1**
Knowledge and understanding **Digital Systems**	**Knowledge and Understanding**
Recognise and explore digital systems (hardware and software) components for a purpose (ACTDIK001)	Identifies digital systems and explores how instructions are used to control digital devices (ST-e7DI-T)
Representation of Data	
Recognise and explore patterns in data and represent data as pictures, symbols and diagrams (ACTDIK002)	
Process of Production Skills **Collecting, managing and analysing data**	**Skills**
Collect, explore and sort data, and use digital systems to present the data creatively (ACTDIP003)	observes, questions and collects data to communicate and compare ideas (ST1-1WS-S)
	Design and Production Skills Continuum **Producing and implementing**
	collect, sort, organise and present data to communicate information (ACTDIP003)
Investigating and defining	**Skills**
Following, describe and represent a sequence of steps and decisions (algorithms) needed to solve simple problems (ACTDIP004)	describes, follows, and represents algorithms to solve problems (ST1-3DP-T)
	Design and Production Skills Continuum **Identifying and defining**
	follow a sequence of steps and decisions (algorithms) to solve problems
Generating and Designing	segment, describe and represent a sequence of steps and decisions (algorithms) needed to solve problems ACTDIP004
Evaluating	**Design and Production Skills Continuum** **Testing and evaluating**
Explore how people safely use common information systems to meet information, communication and recreation needs (ACTDIP005)	explore how people safely use information systems to meet information, communication and recreation needs (ACTDIP005)
Collaborating and managing	**Working Scientifically Continuum** **Planning and conducting investigations**
Create and organise ideas and information using information systems independently and with others, and share these with known people in safe online environments (ACTDIP006)	develop collaboration skills to effectively conduct investigations

Achievement Standards

Stage Statements

Australian Curriculum Levels F-2	New South Wales Stage 1
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.	By the end of Stage 1… Students identify the components of digital systems and explore how data is represented through pictures, symbols and diagrams. They describe, follow and represent algorithms that are needed to solve problems.

* For the purpose of this document, any NSW Syllabus Objectives and Outcomes, Continuum or Stage Statements that do not directly align to the Australian Digital Technologies Curriculum have been removed.