

This resource shows alignment between aspects of the achievement standard and relevant content descriptions for Years 1–2 band. A similar resource is available for Prep/other bands.

The Australian Curriculum (AC) v9.0 code for each content description includes an element indicating the strand it is organised by, e.g. AC9TDI2K01 indicates Knowledge and understanding strand.

Key to content description codes: Technologies	
e.g. AC9TDI2K01	Strands:
Australian Curriculum (AC)	• K — Knowledge and understanding
Version 9 (9)	• P — Processes and production skills
Technologies (T)	
Design and Technologies (DE)	
Digital Technologies (DI)	
Years 1–2 band (2)	
Strand (K, P)	
Content description number (##)	

Years 1–2 band Australian Curriculum: Technologies achievement standard

By the end of Year 2 students describe the purpose of familiar products, services and environments, including digital systems. They represent and process data in different ways and follow and describe basic algorithms involving a sequence of steps and branching to show how simple digital solutions meet a need for known users. For each of the 2 prescribed technologies contexts they identify the features and uses of technologies and create designed solutions. Students select design ideas based on their personal preferences. They access and use the basic features of common digital tools to create, locate and share content, and collaborate and communicate design ideas using models and drawings. Students safely produce designed or digital solutions and recognise that digital tools may store their personal data online.

Achievement standard aspect	Relevant content description/s	AC v9.0 code
By the end of Year 2	Students learn to:	
Students describe the purpose of familiar products, services and environments, including digital systems.	• identify and explore digital systems and their components for a purpose	AC9TDI2K01
	• identify how familiar products, services and environments are designed and produced by people to meet personal or local community needs and sustainability	AC9TDE2K01
They represent and process data in different ways and follow and describe basic algorithms involving a sequence of steps and branching to show how simple digital solutions meet a need for known users.	• represent data as pictures, symbols, numbers and words	AC9TDI2K02
	• follow and describe algorithms involving a sequence of steps, branching (decisions) and iteration (repetition)	AC9TDI2P02
	• discuss how existing digital systems satisfy identified needs for known users	AC9TDI2P03
For each of the 2 prescribed technologies contexts they identify the features and uses of technologies and create designed solutions.	• explore how technologies including materials affect movement in products	AC9TDE2K02
	• explore how plants and animals are grown for food, clothing and shelter	AC9TDE2K03
	• explore how food can be selected and prepared for healthy eating	AC9TDE2K04
Students select design ideas based on their personal preferences.	• evaluate the success of design ideas and solutions based on personal preferences and including sustainability	AC9TDE2P03
They access and use the basic features of common digital tools to create, locate and share content, and collaborate and communicate design ideas using models and drawings.	• use the basic features of common digital tools to create, locate and communicate content	AC9TDI2P04
	• use the basic features of common digital tools to share content and collaborate demonstrating agreed behaviours, guided by trusted adults	AC9TDI2P05
	• access their school account with a recorded username and password	AC9TDI2P06
	• generate and communicate design ideas through describing, drawing or modelling, including using digital tools	AC9TDE2P01
Students safely produce designed or digital solutions and recognise that digital tools may store their personal data online.	• discuss that some websites and apps store their personal data online	AC9TDI2P07
	• use materials, components, tools, equipment and techniques to safely make designed solutions	AC9TDE2P02
	• sequence steps for making designed solutions cooperatively.	AC9TDE2P04

More information

If you would like more information, please visit the QCAA website www.qcaa.qld.edu.au. Alternatively, email the K–10 Curriculum and Assessment branch at australiancurriculum@qcaa.qld.edu.au.

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