

Comparison of AC v8.4 to v9.0

Years 1–2 band: Design and Technologies

Key	same/refined	removed	new	moved
-----	--------------	---------	-----	-------

Note:

- the key applies to the content descriptions only
- v8.4 content descriptions may have been reordered to align with v9.0 content descriptions.

Version 8.4			Version 9.0		
Achievement standard			Achievement standard		
<p>By the end of Year 2, students describe the purpose of familiar products, services and environments and how they meet the needs of users and affect others and environments. They identify the features and uses of technologies for each of the prescribed technologies contexts.</p> <p>With guidance, students create designed solutions for each of the prescribed technologies contexts. They describe given needs or opportunities. Students create and evaluate their ideas and designed solutions based on personal preferences. They communicate design ideas for their designed products, services and environments using modelling and simple drawings. Following sequenced steps, students demonstrate safe use of tools and equipment when producing designed solutions.</p>			<p>By the end of Year 2 students describe the purpose of familiar products, services and environments. For each of the 2 prescribed technologies contexts they describe the features and uses of technologies and create designed solutions. Students select design ideas based on their personal preferences. They communicate design ideas using models and drawings and follow sequenced steps to safely produce designed solutions.</p>		
Strands	Sub-strands	Content descriptions	Content descriptions	Sub-strands	Strands
Knowledge and understanding	Technologies and society	identify how people design and produce familiar products, services and environments and consider sustainability to meet personal and local community needs ACTDEK001	identify how familiar products, services and environments are designed and produced by people to meet personal or local community needs and sustainability AC9TDE2K01	Technologies and society	Knowledge and understanding
	Engineering principles and systems	explore how technologies use forces to create movement in products ACTDEK002	explore how technologies including materials affect movement in products AC9TDE2K02	Engineering principles and systems; Materials and technologies specialisations	
	Materials and technologies specialisations	explore the characteristics and properties of materials and components that are used to produce designed solutions ACTDEK004			
	Food and fibre production; Food specialisations	explore how plants and animals are grown for food, clothing and shelter and how food is selected and prepared for healthy eating ACTDEK003	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	Food and fibre production; Food specialisations	
Processes and production skills	Investigating and defining	explore needs or opportunities for designing, and the technologies needed to realise designed solutions ACTDEP005			Processes and production skills
	Generating and designing	generate, develop and record design ideas through describing, drawing and modelling ACTDEP006	generate and communicate design ideas through describing, drawing or modelling, including using digital tools AC9TDE2P01	Generating and designing	
	Producing and implementing	use materials, components, tools, equipment and techniques to safely make designed solutions ACTDEP007	use materials, components, tools, equipment and techniques to safely make designed solutions AC9TDE2P02	Producing and implementing	
	Evaluating	use personal preferences to evaluate the success of design ideas, processes and solutions including their care for environment ACTDEP008	evaluate the success of design ideas and solutions based on personal preferences and including sustainability AC9TDE2P03	Evaluating	
	Collaborating and managing	sequence steps for making designed solutions and working collaboratively ACTDEP009	sequence steps for making designed solutions cooperatively AC9TDE2P04	Collaborating and managing	

© State of Queensland (QCAA) 2022

Licence: <https://creativecommons.org/licenses/by/4.0> | **Copyright notice:** www.qcaa.qld.edu.au/copyright — lists the full terms and conditions, which specify certain exceptions to the licence. | **Attribution** (include the link): © State of Queensland (QCAA) 2022 www.qcaa.qld.edu.au/copyright.

Unless otherwise indicated, material from Australian Curriculum is © ACARA 2010–present, licensed under CC BY 4.0. For the latest information and additional terms of use, please check the Australian Curriculum website and its copyright notice.