

Australian Curriculum Version 9.0: Achievement standard aligned to content descriptions

This resource shows alignment between aspects of the achievement standard and relevant content descriptions for Year 1. A similar resource is available for other year levels.

The Australian Curriculum (AC) v9.0 code for each content description includes an element indicating the strand it is organised by, e.g. AC9S1U01 indicates Science understanding strand.

Key to content description codes: Science	
e.g. AC9SFU01	Strands:
Australian Curriculum (AC)	• SU — Science understanding
Version 9 (9)	• SHE — Science as a human endeavour
Science (S)	• SI — Science inquiry
Year (1)	
Strand (U, H, I)	
Content description number (##)	

Year 1 Australian Curriculum: Science achievement standard

By the end of Year 1 students identify how living things meet their needs in the places they live. They identify daily and seasonal changes and describe ways these changes affect their everyday life. They describe how different pushes and pulls change the motion and shape of objects. They describe situations where they use science in their daily lives and identify examples of people making scientific predictions.

Students pose questions to explore observations and make predictions based on experiences. They follow safe procedures to make and record observations. They use provided tables and organisers to sort and order data and information and, with guidance, represent patterns. With guidance, they compare observations with predictions and identify further questions. They use everyday vocabulary to communicate observations, findings and ideas.

Achievement standard aspect	Relevant content description/s	AC v9.0 code
By the end of Year 1	Students learn to:	
Students identify how living things meet their needs in the places they live.	<ul style="list-style-type: none"> identify the basic needs of plants and animals, including air, water, food or shelter, and describe how the places they live meet those needs 	AC9S1U01
They identify daily and seasonal changes and describe ways these changes affect their everyday life.	<ul style="list-style-type: none"> describe daily and seasonal changes in the environment and explore how these changes affect everyday life 	AC9S1U02
They describe how different pushes and pulls change the motion and shape of objects.	<ul style="list-style-type: none"> describe pushes and pulls in terms of strength and direction and predict the effect of these forces on objects' motion and shape 	AC9S1U03
They describe situations where they use science in their daily lives and identify examples of people making scientific predictions.	<ul style="list-style-type: none"> describe how people use science in their daily lives, including using patterns to make scientific predictions 	AC9S1H01
Students pose questions to explore observations and make predictions based on experiences.	<ul style="list-style-type: none"> pose questions to explore observed simple patterns and relationships and make predictions based on experiences 	AC9S1I01
They follow safe procedures to make and record observations.	<ul style="list-style-type: none"> suggest and follow safe procedures to investigate questions and test predictions 	AC9S1I02
	<ul style="list-style-type: none"> make and record observations, including informal measurements, using digital tools as appropriate 	AC9S1I03
They use provided tables and organisers to sort and order data and information and, with guidance, represent patterns.	<ul style="list-style-type: none"> sort and order data and information and represent patterns, including with provided tables and visual or physical models 	AC9S1I04
With guidance, they compare observations with predictions and identify further questions.	<ul style="list-style-type: none"> compare observations with predictions and others' observations, consider if investigations are fair and identify further questions with guidance 	AC9S1I05
They use everyday vocabulary to communicate observations, findings and ideas.	<ul style="list-style-type: none"> write and create texts to communicate observations, findings and ideas, using everyday and scientific vocabulary. 	AC9S1I06

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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