Year 2 Science

ACiQ v9.0

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 2. 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. AC9S2U01 indicates Science understanding strand.

Key to content description codes: Science	
e.g. **AC9SFU01** Australian Curriculum (**AC**) Version 9 (**9**) Science (**S**) Year (**2**) Strand (**U**, **H**, **I**) Content description number (**##**)	Strands: • SU — Science understanding • SHE — Science as a human endeavour • SI — Science inquiry

Year 2 Australian Curriculum: Science achievement standard

By the end of Year 2 students identify celestial objects and describe patterns they observe in the sky. They demonstrate how different sounds can be produced and describe the effect of sound energy on objects. They identify ways to change materials without changing their material composition. They describe how people use science in their daily lives and how people use patterns to make scientific predictions.

Students pose questions to explore observed patterns or relationships and make predictions based on experience. They suggest steps to be followed in an investigation and follow safe procedures to make and record observations. They use provided tables and organisers to sort and order data and represent patterns in data. With guidance, they compare their observations with those of others, identify whether their investigation was fair and identify further questions. They use everyday and scientific vocabulary to communicate observations, findings and ideas.

Achievement standard aspect	Relevant content description/s	AC v9.0 code
By the end of Year 2	**Students learn to:**	
Students identify celestial objects and describe patterns they observe in the sky.	• recognise Earth is a planet in the solar system and identify patterns in the changing position of the sun, moon, planets and stars in the sky	AC9S2U01
They demonstrate how different sounds can be produced and describe the effect of sound energy on object.	• explore different actions to make sounds and how to make a variety of sounds, and recognise that sound energy causes objects to vibrate	AC9S2U02
They identify ways to change materials without changing their material composition.	• recognise that materials can be changed physically without changing their material composition and explore the effect of different actions on materials including bending, twisting, stretching and breaking into smaller pieces	AC9S2U03
They describe how people use science in their daily lives and how people use patterns to make scientific predictions.	• describe how people use science in their daily lives, including using patterns to make scientific predictions	AC9S2H01
Students pose questions to explore observed patterns or relationships and make predictions based on experience.	• pose questions to explore observed simple patterns and relationships and make predictions based on experiences	AC9S2I01
They suggest steps to be followed in an investigation and follow safe procedures to make and record observations.	• suggest and follow safe procedures to investigate questions and test predictions	AC9S2I02
	• make and record observations, including informal measurements, using digital tools as appropriate	AC9S2I03
They use provided tables and organisers to sort and order data and represent patterns in data.	• sort and order data and information and represent patterns, including with provided tables and visual or physical models	AC9S2I04
With guidance, they compare their observations with those of others, identify whether their investigation was fair and identify further questions.	• compare observations with predictions and others' observations, consider if investigations are fair and identify further questions with guidance	AC9S2I05
They use everyday and scientific vocabulary to communicate observations, findings and ideas.	• write and create texts to communicate observations, findings and ideas, using everyday and scientific vocabulary.	AC9S2I06

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.