

# Prep Science

## 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 Prep. 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. AC9SFU01 indicates Science understanding strand.

### Key to content description codes: Science

e.g. AC9SFU01

Australian Curriculum (AC)  
Version 9 (9)  
Science (S)  
Foundation (F)  
Strand (U, H, I)  
Content description number (##)

Strands:

- SU — Science understanding
- SHE — Science as a human endeavour
- SI — Science inquiry

### Prep Australian Curriculum: Science achievement standard

By the end of Foundation students group plants and animals based on external features. They identify factors that influence the movement of objects. They describe the observable properties of the materials that make up objects. They identify examples of people using observation and questioning to learn about the natural world.

Students pose questions and make predictions based on their experiences. They engage in investigations and make observations safely. With guidance, they represent observations and identify patterns. With guidance, they compare their observations with their predictions. They share questions, predictions, observations and ideas about their experiences with others.

| Achievement standard aspect  | Relevant content description/s  | AC v9.0 code |
|--|---|--------------|
| <b>By the end of Prep</b>  | <b>Students learn to:</b>   |              |
| Students group plants and animals based on external features.  | <ul style="list-style-type: none"> <li>observe external features of plants and animals and describe ways they can be grouped based on these features</li> </ul>           | AC9SFU01     |
| They identify factors that influence the movement of objects.  | <ul style="list-style-type: none"> <li>describe how objects move and how factors including their size, shape or material influence their movement</li> </ul>              | AC9SFU02     |
| They describe the observable properties of the materials that make up objects.                       | <ul style="list-style-type: none"> <li>recognise that objects can be composed of different materials and describe the observable properties of those materials</li> </ul> | AC9SFU03     |
| They identify examples of people using observation and questioning to learn about the natural world. | <ul style="list-style-type: none"> <li>explore the ways people make and use observations and questions to learn about the natural world</li> </ul>                        | AC9SFH01     |
| Students pose questions and make predictions based on their experiences.                             | <ul style="list-style-type: none"> <li>pose questions and make predictions based on experiences</li> </ul>  | AC9SFI01     |
| They engage in investigations and make observations safely.  | <ul style="list-style-type: none"> <li>engage in investigations safely and make observations using their senses</li> </ul>  | AC9SFI02     |
| With guidance, they represent observations and identify patterns.                                    | <ul style="list-style-type: none"> <li>represent observations in provided templates and identify patterns with guidance</li> </ul>  | AC9SFI03     |
| With guidance, they compare their observations with their predictions.                               | <ul style="list-style-type: none"> <li>compare observations with predictions with guidance</li> </ul>   | AC9SFI04     |
| They share questions, predictions, observations and ideas about their experiences with others.       | <ul style="list-style-type: none"> <li>share questions, predictions, observations and ideas with others.</li> </ul>   | AC9SFI05     |

## More information

If you would like more information, please visit the QCAA website [www.qcaa.qld.edu.au](http://www.qcaa.qld.edu.au). Alternatively, email the K–10 Curriculum and Assessment branch at [australiancurriculum@qcaa.qld.edu.au](mailto:australiancurriculum@qcaa.qld.edu.au).



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