

# Comparison of AC v8.4 to v9.0

Prep: Science

Key	same/refined	removed	new	moved
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**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 the Foundation year, students describe the properties and behaviour of familiar objects. They suggest how the environment affects them and other living things.</p> <p>Students share and reflect on observations, and ask and respond to questions about familiar objects and events.</p>			<p>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.</p> <p>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.</p>		
Strands	Sub-strands	Content descriptions	Content descriptions	Sub-strands	Strands
Science understanding	Biological sciences	living things have basic needs, including food and water ACSSU002 <b>Moved to Year 1</b>	observe external features of plants and animals <b>Moved from Year 1</b> and describe ways they can be grouped based on these features AC9SFU01 <b>Moved from Year 3</b>	Biological sciences	Science understanding
	Earth and space sciences	daily and seasonal changes in our environment affect everyday life ACSSU004 <b>Moved to Year 1</b>		Earth and space sciences	
	Physical sciences	the way objects move depends on a variety of factors, including their size and shape ACSSU005	describe how objects move and how factors including their size, shape <b>or material</b> influence their movement AC9SFU02	Physical sciences	
	Chemical sciences	objects are made of materials that have observable properties ACSSU003	recognise that objects can be composed of different materials and describe the observable properties of those materials AC9SFU03 <b>Moved from Year 2</b>	Chemical sciences	
Science as a human endeavour	science involves observing, asking questions about, and describing changes in, <b>objects and events</b> ACSHE013		explore the ways people make and use observations and questions to <b>learn about the natural world</b> AC9SFH01		Science as a human endeavour
	pose and respond to questions about familiar objects and events ACSIS014		pose questions and make predictions based on experiences AC9SFI01		Science inquiry
participate in <b>guided</b> investigations and make observations using the senses ACSIS011		engage in investigations <b>safely</b> and make observations using their senses AC9SFI02			
engage in discussions about observations and represent ideas ACSIS233		represent observations in <b>provided templates and identify patterns with guidance</b> AC9SFI03			
		<b>compare observations with predictions with guidance</b> AC9SFI04			
share observations and ideas ACSIS012		share <b>questions, predictions,</b> observations and ideas with others AC9SFI05			

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