

Learning area overview

Prep–Year 10 Australian Curriculum

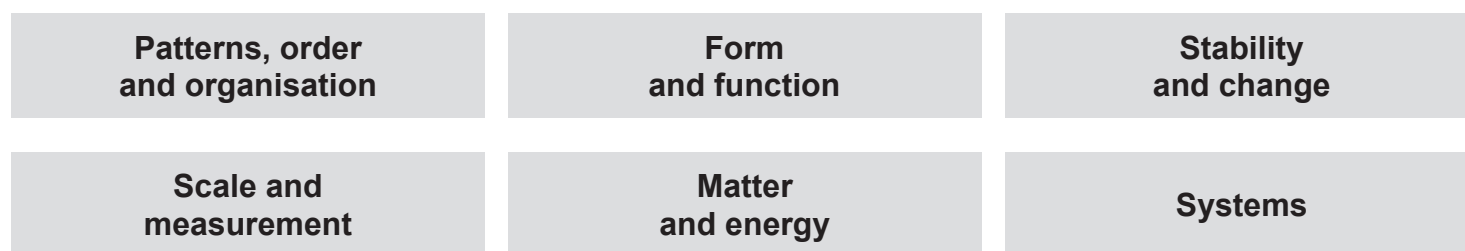
Science

Australian Curriculum Version 8

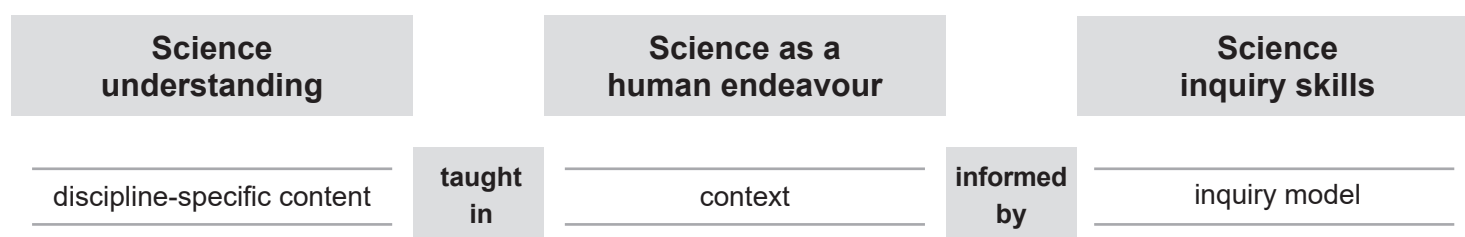
The Australian Curriculum defines a solid foundation in knowledge, understanding, skills and values for all Australian students. This overview summarises key elements of this learning area.

Key ideas

The key ideas represent scientific views of the world and bridge knowledge and understanding across the interrelated strands of science.



Intent of interrelated strands



Content descriptions

Content descriptions describe what is to be taught and what students are expected to learn. Content descriptions are organised through strands and sub-strands.

	Science understanding	Science as a human endeavour	Science inquiry skills
Strands	Biological sciences	Nature and development of science	Questioning and predicting
	Chemical sciences	Use and influence of science	Planning and conducting
Sub-strands	Earth and space sciences		Processing and analysing data and information
	Physical sciences		Evaluating
			Communicating

Achievement standards

Achievement standards for each learning area or subject describe the learning expected of students at each year level or band of years. In Science, the first paragraph of the achievement standard relates to understanding and the second paragraph relates to skills. This learning area provides an achievement standard for each year.

Find out more on the QCAA Australian Curriculum web page at <https://www.qcaa.qld.edu.au/p-10/aciq>

Rationale summary

Supporting students to develop scientific knowledge, understanding and skills to enable them to make informed decisions about local, national and global issues while nurturing their natural curiosity about the world around them.

Aims summary

Exploring, explaining and predicting phenomena using a range of scientific inquiry methods to make informed, evidence-based decisions when evaluating and debating scientific decisions.

Year-by-year and banded curriculum

Year description

Identifies the knowledge, understanding, skills and incorporates the key ideas for each year.

Year-by-year curriculum for	Banded curriculum for
Science understanding	Science as a human endeavour
	Science inquiry skills

Primary

P	P
1	1–2
2	
3	3–4
4	
5	5–6
6	

Secondary

7	7–8
8	
9	9–10
10	