

## Science

Australian Curriculum Version 9.0

The Australian Curriculum identifies and organises the essential knowledge, understandings and skills that students should learn. This overview summarises the key elements of this learning area.

### Rationale summary

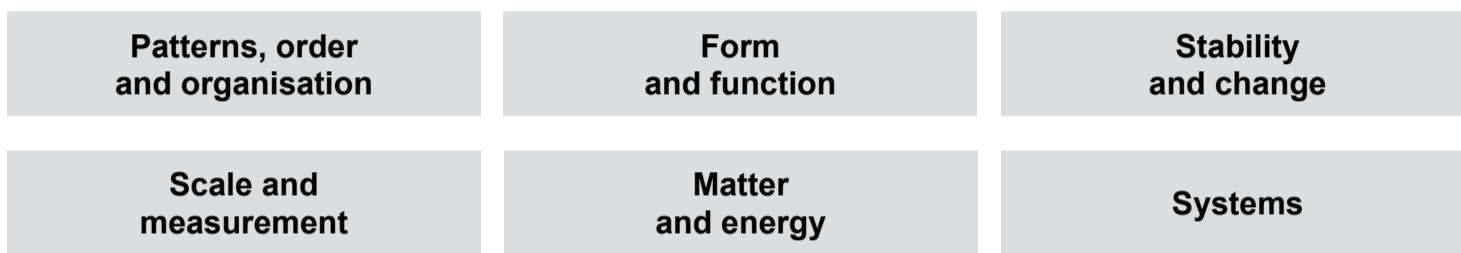
Through science, students 'explore the unknown, investigate universal phenomena, make predictions and solve problems.' Science provides an 'empirical way of answering curious and important questions about the changing world.'

### Aims summary

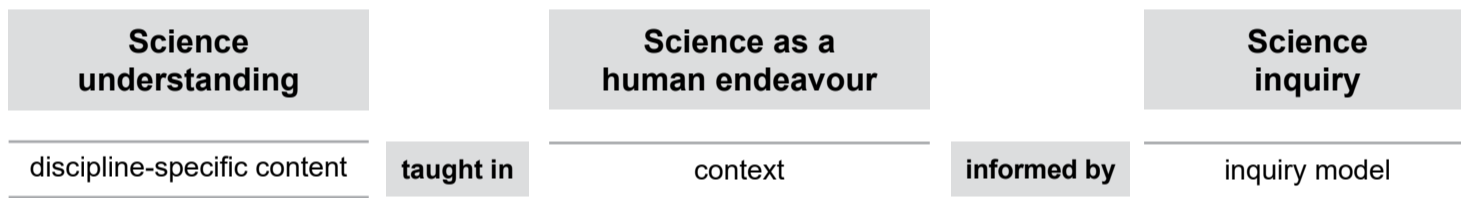
Through using a range of scientific inquiry practices, students learn to ask questions, make evidence-based decisions and communicate scientific understanding of the contemporary uses of science.

## 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 into strands and sub-strands.

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

## Achievement standards

Achievement standards for each learning area describe the learning expected of students by the end of each year. 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 page at [www.qcaa.qld.edu.au/p-10/aciq](http://www.qcaa.qld.edu.au/p-10/aciq).

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## Year-by-year and banded curriculum

### Level descriptions

Level descriptions provide an overview of the learning that students should experience in each year.

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

### Primary

P	P
1	1–2
2	
3	3–4
4	
5	5–6
6	

### Secondary

7	7–8
8	
9	9–10
10	