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School Curriculum
and Standards
Authority

The Authority

Kindergarten to Year 10

Years 11 and 12

Student

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Year 5 SyllabusTest

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Year Level Description

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- Year level descriptors
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Year Levels

- Select All

Strands

- Select All
- Science Inquiry Skills
- Science as a Human Endeavour
- Science Understanding

General Capabilities

- Select All
- Literacy
- Numeracy
- Information and Communication Technology (ICT) capability

Year 5 Syllabus

Year Level Description

The science inquiry across a two-year band of expectations outlines science understandings and strands are addressed in detail in which the programs are designed to be interrelated and

Incorporating the

Over Years 3 to 6, students are operating at different levels of understanding

In Year 5, students explore the classification of matter and use models for identifying stable and changing patterns and relationships between the patterns they observe

- ✔ Critical and creative thinking
 - ✔ Personal and social capability
 - ✔ Ethical understanding
 - ✔ Intercultural understanding
-
-

Science Understanding

BIOLOGICAL SCIENCES

Living things have structural features adaptations that help them to survive in their environment ([ACSSU077](#))

CHEMICAL SCIENCES

Solids, liquids and gases have different observable properties and behave in different ways ([ACSSU077](#))

EARTH AND SPACE SCIENCES

The Earth is part of a system of planets orbiting around a star (the sun) ([ACSSU077](#))

PHYSICAL SCIENCES

Light from a source forms shadows and can be absorbed, reflected and refracted

Year 5 Achievement

Science Understa

At Standard, students understand the properties and behaviour of light, including the transfer of light. Students analyse how the features of environments affect light.

Science as a Hum

Students discuss how science is used to solve problems and how it has contributed to society.

Science Inquiry S

Students follow instructions to observe the effect of changing variables in safe ways that are safe. They construct tables and graphs to compare patterns in data. Students describe variables and communicate their findings.

The science inquiry skills and science as a human endeavour strands in schools and teachers refer to the expectations outlined in the relevant understanding strand for the relevant year level to ensure that the three strands of the curriculum are interrelated and their content descriptions are organised into teaching and learning activities.

Incorporating the key ideas of science

Over Years 3 to 6, students develop their understanding of a range of scales.

In Year 5, students are introduced to cause and effect relationships and how this links to form and function. They explore observable phenomena and how they have sets of characteristic behaviours. They broaden their understanding of how matter structures the world around them. Students consider the importance of investigating systems at astronomical scales. Students begin to learn how to look for patterns and relationships between components and how to observe.

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