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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 4 SyllabusTest

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Year Level Description

Filters



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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 4 Syllabus

Year Level Description

The science inquiry process is a two-year process across a two-year band. The expectations outline the science understanding strands are addressed and are interrelated and detail in which the programs are designed.

Incorporating the

Over Years 3 to 6, students are operating at different

In Year 4, students function through an materials. They learn that some interactions eye. They begin to characteristics that of systems. They use as through cycles. interactions within

Science

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

Understanding

BIOLOGICAL SCIENCES

Living things have life cycles [\(ACSSU072\)](#)

Living things depend on each other and the environment to survive [\(ACSSU073\)](#)

CHEMICAL SCIENCES

Natural and processed materials have a range of physical properties that can influence their use [\(ACSSU074\)](#)

EARTH AND SPACE SCIENCES

Earth's surface changes over time as a result of natural processes and human activity [\(ACSSU075\)](#)

PHYSICAL SCIENCES

Forces can be exerted on one object on another

through direct cont
from a distance
[\(ACSSU076\)](#)

Year 4 Achievement

Science Understanding

At Standard, students observe and describe observable properties and interactions between objects. They understand that human activity causes change in the environment and that the survival of living things depends on their environment.

Science as a Human Endeavour

Students identify the role of science in society.

Science Inquiry Skills

Students follow instructions and make observations in contexts and make predictions. They conduct investigations and record data. Students use provided resources to identify patterns. They compare their findings with their predictions. They use formal and informal communication to share their findings.

The science inquiry skills and science as a human endeavour strands in the science curriculum for schools and teachers refer to the expectations outlined in the curriculum framework for science. The 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 sequences.

Incorporating the key ideas of science

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

In Year 4, students broaden their understanding of classification of natural and processed materials. They learn that forces include interactions result from phenomena that can't be seen with the naked eye. They learn that Earth's surface, have characteristics that have resulted from interactions. They understand that some systems change in predictable ways, such as the weather. They make predictions based on interactions within systems, including those that are not visible.

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