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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 6 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 6 Syllab

Year Level Descri

The science inquiry across a two-year b expectations outlining science understand strands are address are interrelated and detail in which the programs are decis

Incorporating the

Over Years 3 to 6, s operating at differe

In Year 6, students learn about transfe understanding of ei electric circuits as a sources at another develop a view of E system impact on c living things are de Students begin to s accuracy in these n these to identify an

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

Science Understanding

BIOLOGICAL SCIENCES

The growth and survival of living things are affected by physical conditions of their environment ([ACSSU001](#))

CHEMICAL SCIENCES

Changes to materials can be reversible or irreversible ([ACSSU002](#))

EARTH AND SPACE SCIENCES

Sudden geological changes and extreme weather events can affect Earth's surface ([ACSSU096](#))

PHYSICAL SCIENCES

Electrical energy can be transferred and transformed in electrical circuits and can be generated from a range of sources

Year 6 Achievement

Science Understanding

At Standard, students explain how changes to materials occur and how energy changes from one form to another in electrical circuits. Students explain how the properties of materials affect their use and describe and predict the effects of forces.

Science as a Human Endeavour

Students explain how science is used to make decisions and identify the role of science in society.

Science Inquiry Skills

Students follow procedures in investigations into :
measured and described
collect, organise and
methods or research
relationships in data
methods and findings

The science inquiry skills and science as a human endeavour strands in schools and teachers refer to the expectations outlined in the achievement 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 scales.

In Year 6, students explore how changes can be classified in different systems, electricity, and continue to develop an understanding of energy flows within a larger system. Students begin to see the role of various measurements. They learn how to look for patterns and trends in evidence.

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