



Syllabus ENERGY

Energy

Syllabus Content

Energy audits provide opportunities for students to work mathematically in collecting, analysing and representing data.

Students use literacy skills in interviewing, collaborating and communicating proposed energy efficiency strategies.

Investigations into energy forms and sources uses working scientifically skills in support of the Science and Technology K-6 Syllabus and Science 7-10 Syllabus in:

Stage 1	Earth and space – conservation of Earth’s resources
Stage 2	Physical world – energy makes things happen
Stage 3	Physical world – transfer and transformation of energy, forces of energy in products and systems
Stage 4	Physical world – efficiency of energy conversions
Stage 4	Earth and space – how scientific understanding influences choices
Stage 5	Earth and space – use of scientific knowledge.

The design and production of energy efficient solutions can support the technology context of engineered systems in the Technology Mandatory 7-8 Syllabus.

Investigations into environmental changes relating to energy production can be undertaken as part of investigations in the Geography K-10 Syllabus in:

Stage 2	The Earth’s environment – significance of environments; protection of environments
Stage 3	Factors that shape places – factors that change environments
Stage 5	Environmental change and management – environmental change.

