



Syllabus WASTE

Sustainability action process

The sustainability action process is a five step process that supports problem solving through active student participation. These resources provide a structured and consistent approach to teaching sustainability across the curriculum and support learning outcomes in science, technology, geography, mathematics and English.

This resource guides students through an extended school-based or local investigation focussed on waste and materials using the five-step sustainability action process. The resource supports the investigation of a real-world issue or problem. Students develop and implement a chosen sustainability action and then evaluate and reflect on their success and their learning.

[DOWNLOAD RESOURCE](#)

Waste Road Map

Waste road maps are illustrated flow-charts representing the journey of products in a particular waste stream. Use them as springboards for investigation into sustainability considerations for production, manufacturing, use, re-use and recycling of various products. Construct waste road maps for co-mingled recycling and e-waste.

SCHOOL WASTE ROAD MAP

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GENERAL WASTE ROAD MAP

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ORGANIC WASTE ROAD MAP

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PAPER WASTE ROAD MAP

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Syllabus Content

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

Students use literacy skills in interviewing, collaborating and communicating proposed waste reduction strategies.

Investigations into managing waste sustainably uses geographical inquiry skills in support of the Geography K-10 Syllabus in:

Early Stage 1	People live in places – important places
Stage 1	Features of places – how a place can be cared for
Stage 2	The Earth's environment – protection of environments
Stage 3	Factors that shape places – factors that change environments; humans shape places
Stage 4	Interconnections – production and consumption
Stage 5	Environmental change and management – environmental management.

Investigating sustainable resources in design and production processes supports learning in 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	Material world – materials are used for a specific purpose
Stage 3	Material world – properties of materials determine their use
Stage 4	Earth and space – how scientific understandings influence choices.