

Curriculum Linkages

Western Australia

Teaching the activities in this unit may help to work towards the demonstration of the following outcomes from the Society and Environment, Science and the English WA curriculum. These are suggestions and individual teachers are able to choose those relevant to their situation and students' needs.

OVERARCHING STATEMENTS 1,3,5 and 6

CORE SHARED VALUES

5. Environmental Responsibility

5.2 Conservation of the environment

5.4 Diversity of species

LEARNING AREA OUTCOMES

Society and environment

Investigation communication and participation (IC&P)

Students investigate the ways people interact with each other and with their environments in order to make informed decisions and implement relevant social action.

Place and space (P&S)

Students understand that the interaction people have with places in which they live is shaped by the location, patterns and processes associated with natural and built features.

Science

Working scientifically

Investigating scientifically (IS)

Students investigate to answer questions about the natural and technological world, using reflection and analysis to prepare a plan; to collect, process and interpret data; to communicate conclusions; and to evaluate their plan, procedures and findings.

Communicating scientifically (CS)

Students communicate scientific understanding to different audiences for a range of purposes.

Understanding concepts

Life and living (L&L)

Students understand their own biology and that of other living things, and recognise the interdependence of life.

English

Reading (R)

Students read a wide range of texts with purpose, understanding and critical awareness.

Writing (W)

Students write for a range of purposes and in a range of forms using conventions appropriate to purpose, audience and context.

Speaking and listening (S&L)

Students speak and listen with purpose, understanding and critical awareness in a wide range of contexts.

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Linkages to the WA curriculum documents

| Ghastly Guests activities | Society & Environment | Science | English |
|--|--|---------------------------------------|--|
| 1.1 Worksheet and brainstorming session | | | |
| 1.2 Pressing, presenting and drawing weed samples Include something more conceptual demanding than just drawing. For example link structure to function of the various features observed and drawn. | | L&L level 1-3 | |
| 1.3 View a PowerPoint presentation to investigate different weed types, and management options | | | |
| 1.4 Hear, Hidden and Head comprehension passages | | | R levels 2.3- 4.3 R levels 2.4- 3.4 |
| 1.5 Secret message with maths calculations and a letter code | | | |
| 2.1 Scientific experiment investigating plant competition Many teachers in primary school have difficulty with getting their seeds to germinate. If the suggestion is to use broad beans, it would help to have a few hints such as soaking in bleach to prevent fungus. The modelling using other seed types may be beyond some students. | IC&P levels 2 - 4 | IS Levels 2-4 L&L levels 2-4 CS | W level 4.1 |
| 2.2 Experiment to observe seed dormancy | IC&P levels 2.1- 4.1 IC&P levels 2.4- 4.4 | L&L levels 2-4 | |
| 2.3 Investigating seed dispersal | | | S&L level 3.1a |
| 2.4 Designing a wind dispersed seed | ICP level 3.4 | | S&L level 3.1a |
| 2.5 Using food webs, to discover the impact of introduced plants | | L&L levels 3-4 | |
| 2.6 Identifying activities causing weed spread and developing an informative brochure | P&S levels 2.3-4.3 | | S&L level 3.1a |
| 2.7 Complete a cross word | | | |
| 3.1 Survey and study of a local weedy area | IC&P levels 2-4 | | |
| 3.2 Develop a well structured exposition/ argument in response to a statement | | | W level 2-4 |
| 3.3 Play the fun and challenging interactive computer game 'Weed Wipeout' | | | |

Please note: While all care and effort has been taken to develop these curriculum linkages so they are accurate at the time of developing this resource, with the evaluation and modification processes associated with curriculum development teachers will need to update linkages as required.