



## The Protector and Landfill and You DVD

alignment with the Australian Curriculum  
Focus: Science, Geography and Sustainability. Yr K - 9

The following document outlines the strands, sub-strands, their content and which part of the DVD the curriculum is aligned to in each year level from Yr K – 9

The DVD relates to the following aspects of Sustainability:

### Organising ideas

#### Systems

01.3...Sustainable patterns of living rely on the interdependence of healthy social, economic and ecological systems.

#### World Views

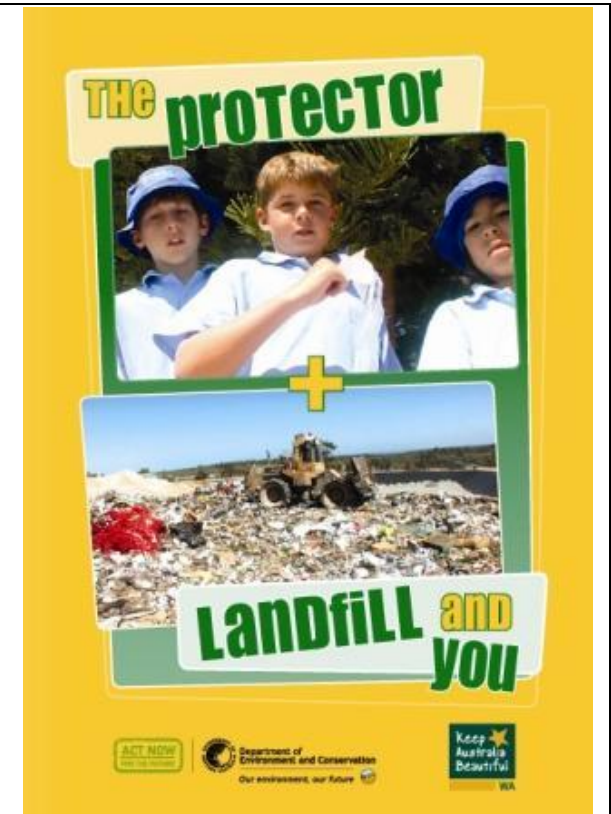
01.5...World views are formed by experiences at personal, local, national and global levels, and are linked to individual and community actions for sustainability

#### Futures

01.7... Actions for a more sustainable future reflect values of care, respect and responsibility, and require us to explore and understand environments.

01.8... Designing action for sustainability requires an evaluation of past practices, the assessment of scientific and technological developments, and balanced judgments based on projected future economic, social and environmental impacts

01.9... Sustainable futures result from actions designed to preserve and/or restore the quality and uniqueness of environments.



Foundation				
Strand	Sub-strand	Content Description	DVD - The Protector Landfill & You	Integrated curricula areas.
Science Understanding	Biological Science	Living things have basic needs, including food and water (ACSSU002)	The Protector	Literacy
	Chemical Science	Objects are made of materials that have observable properties (ACSSU003)	Landfill & You	Literacy
Geographical Knowledge and Understanding		The reasons why some places are special to people, and how they can be looked after (ACHGK004)	The Protector	Health
Geographical Inquiry and Skills	Reflecting and responding	Reflect on their learning and suggest responses to their findings (ACHGS012)		Literacy, Health
Year 1				
Strand	Sub-strand	Content Description	DVD - The Protector Landfill & You	Integrated curricula areas.
Science Understanding	Biological sciences	Living things live in different places where their needs are met (ACSSU211)	The Protector	Literacy
Science as a Human Endeavour	Use and influence of science	People use science in their daily lives, including when caring for their environment and living things (ACSHE022)	The Protector Landfill & You	Literacy
Science Inquiry Skills	Communicating	Represent and communicate observations and ideas in a variety of ways such as oral and written language, drawing and role play (AC SIS029)	The Protector	Literacy
Geographical Knowledge and Understanding		The natural, managed and constructed features of places, their location, how they change and how they can be cared for (ACHGK005)	The Protector Landfill & You	
Geographical Inquiry and Skills	Reflecting and responding	Reflect on their learning and suggest responses to their findings (ACHGS012)	The Protector	

Year 2				
Strand	Sub-strand	Content Description	DVD - The Protector Landfill & You	Integrated curricula areas.
<b>Science as a Human Endeavour</b>	Use and influence of science	People use science in their daily lives, including when caring for their environment and living things ( <a href="#">ACSHE035</a> )	The Protector Landfill & You	Literacy
Year 3				
Strand	Sub-strand	Content Description	DVD - The Protector Landfill & You	Integrated curricula areas.
<b>Science Understanding</b>	Physical Science	Heat can be produced in many ways and can move from one object to another ( <a href="#">ACSSU049</a> )	Landfill and You	Literacy
<b>Science as a Human Endeavour</b>	Use and influence of science  Planning and conducting	Science knowledge helps people to understand the effect of their actions ( <a href="#">ACSHE051</a> )	The Protector Landfill and You	Literacy
<b>Geographical Knowledge and Understanding</b>		The similarities and differences in individuals' and groups' feelings and perceptions about places, and how they influence views about the protection of these places ( <a href="#">ACHGK018</a> )	The Protector Landfill and You	
<b>Geographical Inquiry and Skills</b>	Reflecting and responding	Reflect on their learning to propose individual action in response to a contemporary geographical challenge and identify the expected effects of the proposal ( <a href="#">ACHGS025</a> )	The Protector	

Year 4				
Strand	Sub-strand	Content Description	DVD - The Protector Landfill & You	Integrated curricula areas.
<b>Science as a Human Endeavour</b>	Use and influence of science	Science knowledge helps people to understand the effect of their actions ( <a href="#">ACSHE062</a> )	The Protector Landfill and You	Literacy
<b>Geographical Knowledge and Understanding</b>		The importance of environments to animals and people, and different views on how they can be protected ( <a href="#">ACHGK022</a> )	The Protector	
		The sustainable management of waste from production and consumption ( <a href="#">ACHGK025</a> )	Landfill and You	
Year 5				
Strand	Sub-strand	Content Description	DVD - The Protector Landfill & You	Integrated curricula areas.
<b>Science as a Human Endeavour</b>	Use and influence of science	Scientific understandings, discoveries and inventions are used to solve problems that directly affect peoples' lives ( <a href="#">ACSHE083</a> )	Landfill and You	
	Use and influence of science	Scientific knowledge is used to inform personal and community decisions ( <a href="#">ACSHE217</a> )	Landfill and You	
<b>Geographical Knowledge and Understanding</b>		The influence of people, including Aboriginal and Torres Strait Islander Peoples, on the environmental characteristics of Australian places ( <a href="#">ACHGK027</a> )	Landfill and You	Literacy

Year 6				
Strand	Sub-strand	Content Description	DVD - The Protector Landfill & You	Integrated curricula areas.
Science Understanding	Chemical Science	Changes to materials can be reversible, such as melting, freezing, evaporating; or irreversible, such as burning and rusting (ACSSU095)	Landfill and You	Literacy
	Physical Science	Energy from a variety of sources can be used to generate electricity (ACSSU219)	Landfill and You	
Science as a Human Endeavour	Use and influence of science	Scientific understandings, discoveries and inventions are used to solve problems that directly affect peoples' lives (ACSHE100)  Scientific knowledge is used to inform personal and community decisions (ACSHE220)	Landfill and You	
Year 7				
Strand	Sub-strand	Content Description	DVD - The Protector Landfill & You	Integrated curricula areas.
Science Understanding	Biological science	Interactions between organisms can be described in terms of food chains and food webs; human activity can affect these interactions (ACSSU112)	The Protector	Literacy
Science as a Human Endeavour	Nature and development of science	Scientific knowledge changes as new evidence becomes available, and some scientific discoveries have significantly changed people's understanding of the world (ACSHE119)	Landfill and You	Literacy
	Use and influence of science	Science understanding influences the development of practices in areas of human activity such as industry, agriculture and marine and terrestrial resource management (ACSHE121)	Landfill and You	Literacy
		People use understanding and skills from across the disciplines of science in their occupations (ACSHE224)	Landfill and You	Literacy
Geographical Knowledge and Understanding	Unit 2: Place and Liveability	The influence of accessibility to services and facilities on the liveability of places (ACHGK044)	Landfill and You	Literacy, Health
		The influence of environmental quality on the liveability of places (ACHGK045)	Landfill and You	
		The strategies used to enhance the liveability of places, especially for young people, including examples from Australia and Europe (ACHGK047)	Landfill and You	

Year 8				
Strand	Sub-strand	Content Description	DVD - The Protector Landfill & You	Integrated curricula areas.
<b>Science Understanding</b>	Chemical Science	Chemical change involves substances reacting to form new substances (ACSSU225)	Landfill and You	
<b>Science as a Human Endeavour</b>	Nature and development of science.	Scientific knowledge changes as new evidence becomes available, and some scientific discoveries have significantly changed people's understanding of the world (ACSHE134)	Landfill and You	
	Use and influence of Science	Science and technology contribute to finding solutions to a range of contemporary issues; these solutions may impact on other areas of society and involve ethical considerations (ACSHE135)	Landfill and You	
		Science understanding influences the development of practices in areas of human activity such as industry, agriculture and marine and terrestrial resource management (ACSHE136)	Landfill and You	
		People use understanding and skills from across the disciplines of science in their occupations (ACSHE227)	Landfill & You	Literacy
<b>Geographical Knowledge and Understanding</b>	Unit 1: Landforms and Landscapes	The human causes and effects of landscape degradation (ACHGK051)	Landfill and You	Literacy

Year 9				
Strand	Sub-strand	Content Description	DVD - The Protector Landfill & You	Integrated curricula areas.
<b>Science Understanding</b>	Biological Science	Ecosystems consist of communities of interdependent organisms and abiotic components of the environment; matter and energy flow through these systems ( <a href="#">ACSSU176</a> )	Landfill and You	Literacy
<b>Science as a Human Endeavour</b>	Nature and development of Science	Advances in scientific understanding often rely on developments in technology and technological advances are often linked to scientific discoveries ( <a href="#">ACSHE158</a> )	Landfill and You	Literacy
	Use and Influence of Science	People can use scientific knowledge to evaluate whether they should accept claims, explanations or predictions ( <a href="#">ACSHE160</a> )	Landfill and You	Literacy
		Advances in science and emerging sciences and technologies can significantly affect people's lives, including generating new career opportunities ( <a href="#">ACSHE161</a> )	Landfill and You	Literacy
		The values and needs of contemporary society can influence the focus of scientific research ( <a href="#">ACSHE228</a> )	Landfill and You	Literacy
<b>Geographical Knowledge and Understanding</b>	Unit 1: Biomes and Food Security	The challenges to food production, including land and water degradation, shortage of fresh water, competing land uses, and climate change, for Australia and other areas of the world ( <a href="#">ACHGK063</a> )	Landfill and You	
	Unit 2: Geographies and Interconnections	The effects of the production and consumption of goods on places and environments throughout the world and including a country from North-East Asia ( <a href="#">ACHGK068</a> )	Landfill and You	
<b>Geographical Inquiry and Skills</b>	Reflecting and Responding	Reflect on and evaluate the findings of the inquiry to propose individual and collective action in response to a contemporary geographical challenge, taking account of environmental, economic and social considerations; and explain the predicted outcomes and consequences of their proposal ( <a href="#">ACHGS071</a> )	Landfill and You	