

## K-6 Kimbriki Excursion: NSW Curriculum Links

Content outcomes explored through Kimbriki excursion and supporting resources for the classroom

Early Stage 1 – HSIE and Science & Technology				
Learning Area	Outcome Code and Description	Outcome Content Covered	Related Excursion Activities	Supporting Resource Hive Documents
HSIE	<b>HSE-ACH-01</b> Identifies ways that Aboriginal people connect with country, culture and community	Aboriginal Peoples are connected to country	- Site Bus Tour	
HSIE	<b>HSE-GEO-01</b> Identifies and locates places people connect with, using geographical information	Places can be located and described using geographical information  People are connected to places and each other	- Site Bus Tour - Ecologos (I take care of everywhere I go) - Sort @ the Source	- <a href="#">Eco Mini Mites</a> - <a href="#">Nature Journalling (K-2)</a> - <a href="#">Waste Unit of Work K-2 Sustainability Lesson 1</a>
Science & Tech	<b>STE-SCI-01</b> Identifies and describes characteristics of living things, properties of materials, and movement.  <b>STE-PQU-01</b> Poses questions based on observations to collect data	Living things have characteristics that help them survive in their environment	- Worm Farming 101	- <a href="#">Eco Mini Mites</a> - <a href="#">K-2 Garden Senses Wander</a> - <a href="#">What is Soil? (K-2)</a> - <a href="#">What I Know about Worms</a>
		Objects are made of materials that have observable properties	- Site Bus Tour - Sort at the source	- <a href="#">Compost Sum</a> - <a href="#">Waste Unit of Work (Lessons 2, 3, 4, 5, 6)</a>
		Living things and objects move in different ways	- Worm Farming 101	- <a href="#">Eco Mini Mites</a> - <a href="#">What is Soil? (K-2)</a>
		Communicating and creating written sentences supports understanding of Science and Technology		- <a href="#">Eco Mini Mites</a> - <a href="#">Nature Journalling (K-2)</a> - <a href="#">What I Know about Worms</a>

## Stage 1 – HSIE and Science & Technology

Learning Area	Outcome Code and Description	Outcome Content Covered	Related Excursion Activities	Supporting Resource Hive Documents
HSIE	<b>HS1-GEO-01</b> Describes ways people connect to and care for places, water environments and each other, using geographical information.	People care for Australia's water environments	<ul style="list-style-type: none"> <li>- Site Bus Tour</li> <li>- Ecologos (I take care of everywhere I go)</li> <li>- The 4 Rs (Rethink, Reduce, Reuse, Recycle)</li> <li>- Sustainability Solutions</li> </ul>	- <a href="#">Eco Mini Mites</a>
		People engage in active citizenship by working together to care for places and each other	<ul style="list-style-type: none"> <li>- Site Bus Tour</li> <li>- Ecologos (I take care of everywhere I go)</li> <li>- Sort @ the source</li> </ul>	<ul style="list-style-type: none"> <li>- <a href="#">Eco Mini Mites</a></li> <li>- <a href="#">Gumboot Planter</a></li> <li>- <a href="#">Plant a Butterfly Garden</a></li> <li>- <a href="#">Waste Unit of Work (Lessons 1, 5, 6)</a></li> </ul>
Science & Tech	<b>ST1-SCI-01</b> Measures and describes changes in living things, materials, movement, Earth and the sky.	Living things change over time	- Worm Farming 101	<ul style="list-style-type: none"> <li>- <a href="#">Compost Sum (K-2)</a></li> <li>- <a href="#">Eco Mini Mites</a></li> <li>- <a href="#">Worms Make Soil (S1 Extension)</a></li> <li>- <a href="#">Waste Unit of Work (Lessons 2 and 3)</a></li> </ul>
		The human's body's sense organs detect its environment	- Garden Senses Wander	<ul style="list-style-type: none"> <li>- <a href="#">Garden Senses Wander (K-2)</a></li> <li>- <a href="#">Nature Journalling (K-2)</a></li> <li>- <a href="#">What is Soil? (K-2)</a></li> </ul>
		Planet earth is our home	<ul style="list-style-type: none"> <li>- Ecologos (I take care of everywhere I go)</li> <li>- Sustainable Solutions</li> </ul>	<ul style="list-style-type: none"> <li>- <a href="#">Eco Mini Mites</a></li> <li>- <a href="#">Waste Unit of Work (Lessons 1 and 6)</a></li> </ul>
		Creating written texts supports understanding of Science and Technology		<ul style="list-style-type: none"> <li>- <a href="#">Eco Mini Mites</a></li> <li>- <a href="#">Nature Journalling (K-2)</a></li> </ul>
Science & Tech	<b>ST1-DDT-01</b>	A design process is used to define user needs and create solutions	<ul style="list-style-type: none"> <li>- The 4 Rs (Rethink, Reduce, Reuse, Recycle)</li> <li>- Sustainable Solutions</li> </ul>	- <a href="#">Eco Mini Mites</a>

## Stage 1 – HSIE and Science & Technology

	Uses technologies and materials to design and make products to address user needs or opportunities			
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## Stage 2 – HSIE and Science & Technology

Learning Area	Outcome Code	Outcome Description	Related Excursion Activities	Supporting Resource Hive Documents
HSIE	<b>HS2-GEO-01</b> Explains how people care for Australia's environments and participate in Australian society, using geographical information.	People have responsibility to care for Australia's environments	<ul style="list-style-type: none"> <li>- Site Bus Tour</li> <li>- Food Waste and Landfill</li> <li>- Ecologos (I take of everywhere I go)</li> <li>- The 4 Rs (Rethink, Reduce, Reuse, Recycle)</li> <li>- Sort @ the Source</li> <li>- Composting 101</li> <li>- Worm Farming 101</li> <li>- Sustainable Solutions</li> </ul>	<ul style="list-style-type: none"> <li>- <a href="#">Compost in a Bottle</a></li> <li>- <a href="#">Compost Stew S2</a></li> <li>- <a href="#">Eco Mites</a></li> <li>- <a href="#">Kimbriki Waste Audit Guide</a></li> <li>- <a href="#">Nature Journalling (3-6)</a></li> <li>- <a href="#">Soil Detectives</a></li> <li>- <a href="#">Worms Make Soil S2</a></li> </ul>
Science & Tech	<b>ST2-SCI-01</b> Uses information to investigate the solar system and the effects of energy on living, physical and geological systems  <b>ST2-PQU-01</b> Poses questions to create fair tests that investigate the effects of energy on living things and physical systems	Living things depend on energy and materials to survive	<ul style="list-style-type: none"> <li>- Ecologos (I take of everywhere I go)</li> <li>- Worm Farming 101</li> </ul>	<ul style="list-style-type: none"> <li>- <a href="#">Compost in a Bottle</a></li> <li>- <a href="#">Eco Mites</a></li> <li>- <a href="#">Kimbriki Waste Audit Guide</a></li> <li>- <a href="#">Nature Journalling (3-6)</a></li> <li>- <a href="#">Separating Soils (3-6 Extension)</a></li> <li>- <a href="#">Soil Detectives (3-6)</a></li> <li>- <a href="#">Worms Make Soil (S2)</a></li> </ul>
		Energy is required to change the properties of matter	<ul style="list-style-type: none"> <li>- Site Bus Tour</li> </ul>	
		Body systems work together to enable movement	<ul style="list-style-type: none"> <li>- Worm Farming 101</li> </ul>	<ul style="list-style-type: none"> <li>- <a href="#">Worms Make Soil (S2)</a></li> </ul>

## Stage 2 – HSIE and Science & Technology

		Creating written explanations of physical and living systems supports understanding of Science and Technology	<ul style="list-style-type: none"> <li>- Site Bus Tour</li> <li>- Composting 101</li> </ul>	<ul style="list-style-type: none"> <li>- <a href="#">Compost Stew Activity (S2)</a></li> <li>- <a href="#">Compost in a Bottle</a></li> <li>- <a href="#">Nature Journalling (3-6)</a></li> </ul>
Science & Tech	<b>ST2-DDT-01</b> Uses a design process to create products to address user needs or opportunities	Design is a process of creating and innovating	- Garden Senses Wander	- <a href="#">Kimbriki Waste Audit Guide</a>
		Digital systems can be created and controlled		

## Stage 3 – HSIE and Science & Technology

Learning Area	Outcome Code	Outcome Description	Related Excursion Activities	Supporting Resource Hive Documents
HSIE	<b>HS3-GEO-01</b> Examines global citizenship and how people organise, protect and sustainably use the environment, using geographical information.	People can protect global environments and use sustainable practices for the future	<ul style="list-style-type: none"> <li>- Site Bus Tour</li> <li>- Ecologos (I take of everywhere I go)</li> <li>- Sustainable Solutions</li> <li>- Worm Farming 101</li> <li>- Composting 101</li> <li>- Food Waste and Landfill</li> <li>- Sort @ the Source</li> </ul>	<ul style="list-style-type: none"> <li>- <a href="#">How to set up an Effective School Compost System</a></li> <li>- <a href="#">Kimbriki Waste Audit Guide</a></li> <li>- <a href="#">Photos of School Compost System</a></li> <li>- <a href="#">EHG Sustainable Living Video Gallery</a></li> <li>- <a href="#">Eco Mites</a></li> </ul>
Science & Tech	<b>ST3-SCI-01</b> Uses evidence to explain how scientific knowledge can be used to develop sustainable practices	Living things may change over millions of years, in response to their environment	<ul style="list-style-type: none"> <li>- Site Bus Tour</li> <li>- Worm Farming 101</li> <li>-</li> </ul>	<ul style="list-style-type: none"> <li>- <a href="#">Nature Journaling (3-6)</a></li> <li>- <a href="#">Worms Make Soil</a></li> </ul>
		A fixed amount of usable matter makes up all the material on Earth	<ul style="list-style-type: none"> <li>- Site Bus Tour</li> <li>- The 4 Rs (Rethink, Reduce, Reuse, Recycle)</li> <li>- Composting 101</li> </ul>	<ul style="list-style-type: none"> <li>- <a href="#">Compost in a Bottle</a></li> <li>- <a href="#">Compost Stew Activity</a></li> <li>- <a href="#">Eco Mites</a></li> <li>- <a href="#">Kimbriki Waste Audit Guide</a></li> <li>- <a href="#">How to Set Up and Manage School Compost System</a></li> <li>- <a href="#">Separating Soils (3-6 Extension)</a></li> </ul>
		Earth's climate is affected by natural and human activities	<ul style="list-style-type: none"> <li>- Site Bus Tour</li> <li>- Food Waste Out of Landfill</li> <li>- Composting 101</li> </ul>	<ul style="list-style-type: none"> <li>- <a href="#">Kimbriki Waste Audit Guide</a></li> </ul>
Science & Tech	<b>ST3-DDT-01</b> Uses design processes to create, evaluate and modify designed solutions	Design processes explore opportunities and develop solutions	<ul style="list-style-type: none"> <li>- Garden Senses Wander</li> </ul>	<ul style="list-style-type: none"> <li>- <a href="#">Kimbriki Waste Audit Guide</a></li> </ul>