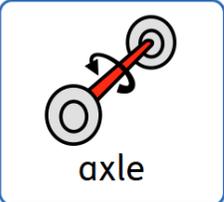
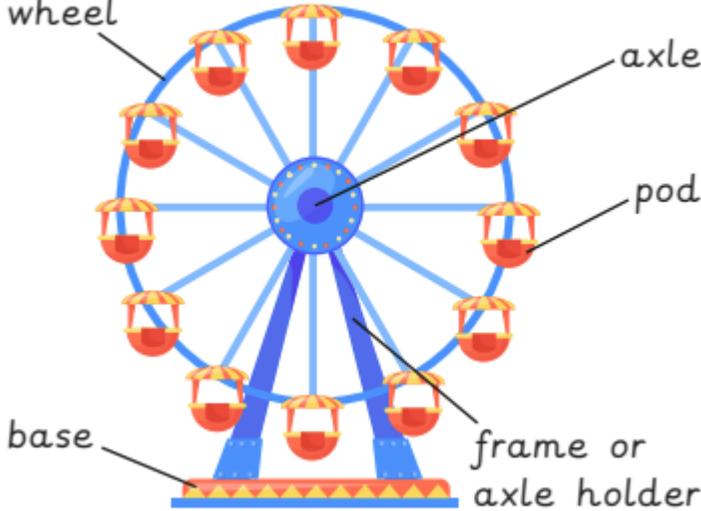
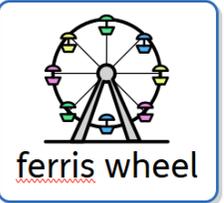
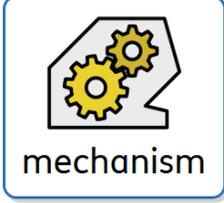
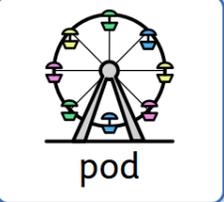


The Marist Primary School		Knowledge Organiser				
Year 2 Autumn 1: <b>Mechanisms: Fairground Wheel</b>		Key Question : <b>Can you create a functioning fairground wheel?</b>				
Lesson 1 Can you explore wheel mechanisms and design a fairground wheel?	Lesson 2 Can you select materials with appropriate properties?	Lesson 3 Can you build and test a moving wheel?	Lesson 4 Can you conduct a simple survey to gather opinions?	Lesson 5 Can you finish and evaluate a structure with a rotating wheel?		
<b>Vocabulary</b>						
 <p>axle</p>	A long, straight piece of material which connects to a rotating part	 <p>design brief</p>	A challenge that asks for something to be designed			
 <p>design criteria</p>	A set of instructions for the project	 <p>evaluation</p>	Looking at what is good or bad			
 <p>ferris wheel</p>	A ride which carries people around a large wheel	 <p>mechanism</p>	The parts of an object that move together as part of a machine			
 <p>pod</p>	The container in which the people sit	 <p>survey</p>	Question to find out what people think			