



Week	Learning experience	Discrete		
	Pulleys, Gears and Levers	Literacy	Maths	Other
1	<p>Know and be able to explain the concept of gravity</p> <p>Be able to investigate gravity using objects of varying weight</p> <p>Understand what friction means and investigate how friction can be effected by different surfaces</p> <p>Understand what is meant by air resistance and investigate how this will affect the speed of an object being dropped to the ground</p> <p>Understand what is meant by water resistance and investigate how this will affect the speed of an object sinking</p>	<p>Writing will be based on research of science topic opposite</p>	<p>Area</p> <p>Perimeter</p>	<p>PE</p> <p>Music</p> <p>ICT</p> <p>French</p>
2	<p>Know and be able to explain what a mechanism is</p> <p>Be able to investigate simple mechanisms</p> <p>Understand and be able to explain what a pulley is and in what objects it might be used</p> <p>Understand and be able to explain what a gear is and in what objects it might be used</p> <p>Understand and be able to explain what a lever is and in what objects it might be used</p> <p>Investigate making pulleys, levers and gears and be able to give an explanation of why they work, using correct terminology</p> <p>I can discuss and explain key people and understand their contribution</p>	<p>Research and non-fiction text on key scientist</p>	<p>Measuring angles</p>	<p>PE</p> <p>Music</p> <p>ICT</p> <p>French</p>