



# Shenley Science Curriculum Road Map

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Materials</b>	Why do we use different materials for different things?	How are materials chosen in design?			Are all metals magnetic?	
<b>Plants</b>	How can we identify different plants and trees?	How do seeds and bulbs grow into healthy plants?	How does each part of the plant fulfil its function?			
<b>Animals Including Humans</b>	How can we group animals?	Why do we need to keep healthy?	How do the systems inside our body work to make a healthy human?	How are carnivores' teeth suited to their diet? What would happen if producers were not in a food chain?	Why is a human classed as a human? What happens during fertilisation?	What is the function of the circulatory system? What is a balanced diet?
<b>Living Things and Their Habitat</b>		How do we know something is alive?		How many different ways can we group living things?  What does a living need to survive?	What are the six stages of the human life cycle?	How do you know if something is living?
<b>Light</b>			What is light?			What is a natural light source?
<b>Forces and Magnets</b>			How do magnets work?		Does friction only occur between rough surfaces?	
<b>Rocks</b>			How can we classify rocks?			How are fossils formed?
<b>Sound</b>				How does a drum produce sound when it is hit?		
<b>Electricity</b>				How can you keep safe when around electricity?		What is a series circuit?
<b>Earth and Space</b>					How many planets are there in the solar system?	
<b>Evolution and Inheritance</b>						What are offspring? What are the conditions of a polar habitat?
<b>Seasonal Changes</b>	What are the seasons?	What changes occur throughout the seasons?				
<b>States of Matter</b>				Why is water described as a liquid?	Is salt soluble or insoluble in water?	

