



## 2020-2021: Science Long Term Plan Year 6

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
1.1	<b><u>Everything Changes</u></b> Why do living things vary?	<b><u>Everything Changes</u></b> Can you breed a dog for a specific purpose?	<b><u>Everything Changes</u></b> How can we make our food better?	<b><u>Everything Changes</u></b> How does the environment affect plants?	<b><u>Everything Changes</u></b> How do environmental variables affect plants?	<b><u>Everything Changes</u></b> How do living things survive?	<b><u>Everything Changes</u></b> Why do living things become extinct?	<b><u>Everything Changes</u></b> What does it take to survive?
1.2	<b><u>Everything Changes</u></b> What evidence is there that living things have changed over time?	<b><u>Everything Changes</u></b> How does natural selection work?	<b><u>Light up your world</u></b> What is light and what does it do?	<b><u>Light up your world</u></b> Can you see more than just your face in the mirror?	<b><u>Light up your world</u></b> Can light go around corners?	<b><u>Light up your world</u></b> Can you make a camera with a box, paper and a pin?	<b><u>Light up your world</u></b> How can you measure a shadow?	
2.1	<b><u>Body Pump</u></b> What does my circulatory system do?	<b><u>Body Pump</u></b> What is a heart and what does it do?	<b><u>Body Pump</u></b> What do valves and blood vessels do?	<b><u>Body Pump</u></b> What happens to water in our bodies?	<b><u>Danger - low voltage</u></b> How many simple circuits can you make?	<b><u>Danger - low voltage</u></b> What does a switch do?		
2.2	<b><u>Danger - low voltage</u></b> How strong is your resistance?	<b><u>Danger - low voltage</u></b> Do you know your circuit diagrams?	<b><u>Danger - low voltage</u></b> Will the lights stay on? Part 1	<b><u>Danger - low voltage</u></b> Will the lights stay on? Part 2	<b><u>The Nature library</u></b> Can you sort this mess?	<b><u>The Nature library</u></b> Can you face the Garden Centre challenge?		
3.1	<b><u>The Nature library</u></b> How are vertebrates grouped together?	<b><u>The Nature library</u></b> How are invertebrates grouped together?	<b><u>The Nature library</u></b> Where do things fit?	<b>SATs</b>	<b><u>The Nature library</u></b> What else is living besides plants and animals?	<b><u>The Nature library</u></b> How can you grow your own micro-organisms?		
3.2	<b><u>Body Health</u></b> What does being healthy mean?	<b><u>Body Health</u></b> How is food divided into different groups?	<b><u>Body Health</u></b> How have diets changed?	<b><u>Body Health</u></b> What does being healthy mean?	<b><u>Body Health</u></b> How is pulse rate affected by exercise?	<b><u>Body Health</u></b> How do drugs affect the body over time?	<b>KS2 Production</b>	