

Year 6 = Medium Term Plan

Term	Theme	Pupils will learn.....
Autumn 1	Healthy bodies	<ul style="list-style-type: none"> <li>-Name and locate the main parts of the human circulatory system, i.e. heart, blood vessels and blood.</li> <li>-Describe the function of the heart, blood vessels and blood.</li> <li>-Describe the effects of diet, exercise, drugs and lifestyle on how their bodies function.</li> <li>-Describe the ways in which nutrients and water are transported within animals including humans.</li> <li>-Find out about how scientific ideas about food and diet were tested in the past and how that contributes to our knowledge and understanding of a balanced diet</li> <li>-Explain why a variety of foods is important for a healthy diet</li> </ul>
Autumn 2	Seeing light	<ul style="list-style-type: none"> <li>-Recognise that light appears to travel in straight lines</li> <li>-Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye</li> <li>-Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes</li> <li>-Use the idea that light travels in a straight line to explain why shadows have the same shape as the objects that cast them</li> </ul>
Spring1	Changing circuits	<ul style="list-style-type: none"> <li>-Explain how the number and voltage of cells in a circuit links to the brightness of a lamp or the volume of a buzzer.</li> <li>-Compare and give reasons for variations in how components function, including the brightness of bulbs and the loudness of buzzers and the on/off position of switches</li> <li>-Draw circuit diagrams using recognised symbols.</li> <li>-Investigate how changing the wire in a circuit affects bulb brightness</li> </ul>
Spring 2	Classifying living things	<ul style="list-style-type: none"> <li>- describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals</li> <li>- Give reasons for classifying plants and animals based on specific characteristics</li> </ul>

Summer 1	Evolution and inheritance	<ul style="list-style-type: none"><li>- Recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago</li><li>- Recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents</li><li>- Identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution</li></ul>
Summer 2	Evolution and inheritance	SEE ABOVE