

## Year 6 Science

<b>'Discover' Term</b>	
<b>Space (yr5 objectives)</b>	<ul style="list-style-type: none"><li>- describe the movement of the Earth and other planets relative to the sun in the solar system.</li><li>- describe the movement of the moon relative to the Earth.</li><li>- describe the sun, Earth and moon as approximately spherical bodies.</li><li>- use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.</li></ul>
<b>Light</b>	<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 straight lines to explain why shadows have the same shape as the objects that cast them.</li></ul>
<b>'Explore' Term</b>	
<b>Living things and their habitats</b>	<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>

<p><b>Animals (including humans)</b></p>	<ul style="list-style-type: none"> <li>- identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood.</li> <li>- recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.</li> <li>- describe the ways in which nutrients and water are transported within animals, including humans</li> </ul>
<p style="text-align: center;"><b>'Belong' Term</b></p>	
<p><b>Evolution and inheritance</b></p>	<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>