

Autumn 1 Pendarren	Spring 1 The Body in Question	Spring 2 The Swinging 60s
<p><u>Living things and their habitats</u></p> <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 microorganisms and plants</li> <li>Give reasons for classifying plants and animals based on specific characteristics</li> </ul>	<p><u>Animals incl. Humans</u></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 impact of diet, exercise, drugs and lifestyle on the way the human body functions</li> <li>Describe the ways in which nutrients and water are transported within animals including humans</li> </ul> <p><u>Evolution and inheritance</u></p> <ul style="list-style-type: none"> <li>Recognise that living things evolve over time and that fossils provide information about living things from millions of year ago</li> <li>Understand that living things produce offspring of the same kind, that vary from their parents</li> <li>Identify how animals and plants are adapted to suit their environment, and that adaptation may lead to evolution</li> </ul>	<p><u>Electricity</u></p> <ul style="list-style-type: none"> <li>Associate number and voltage of batteries with the brightness of lamp or volume of a buzzer</li> <li>Use recognised symbols when representing a simple circuit in a diagram</li> <li>Identify how changing one component in a circuit can vary outcomes as a result</li> </ul> <p><u>Light</u></p> <ul style="list-style-type: none"> <li>Recognise that light appears to travel in straight lines. Use this idea to explain:</li> <li>Understand that we see objects because they emit or reflect light to the eye.</li> <li>Understand why shadows have the same shape as the object that casts them.</li> </ul>