



## Unit Provision 4B Science Curriculum Learning Journey 2022 – 2023

<b>Term 1</b>	Healthy Lifestyles	<ul style="list-style-type: none"> <li>- Explore the components of a healthy and unhealthy lifestyle</li> <li>- How diet affects health.</li> <li>- A balanced diet</li> <li>- Examine how exercise affects health.</li> <li>- Undertake different physical activities</li> <li>- Discuss how emotions can affect health</li> <li>- Categorise emotions</li> <li>- The importance of social and emotional well being</li> <li>- Identify routines that support staying healthy</li> </ul>
<b>Term 2</b>	Space and our world	<ul style="list-style-type: none"> <li>- Learn about what makes up our solar system</li> <li>- Identify the moon, Earth, Sun and some of the planets within our solar system.</li> <li>- Explore what makes up our planet.</li> <li>- Examine maps and globes of our planet.</li> <li>- The different planets and moons within our solar system</li> <li>- What causes night and day</li> <li>- Investigate how shadows are created.</li> </ul>
<b>Term 3</b>	Crime scene investigation	<ul style="list-style-type: none"> <li>- Identify different types of crime</li> <li>- Carry out a chromatography investigation with support</li> <li>- Work as part of a team to explore footprint evidence to find a match.</li> <li>- Take fingerprint evidence</li> <li>- Make a disguise.</li> <li>- Work as a team to find a number plate involved in a crime</li> <li>- Explore different vocabulary and phrases used when discussing a crime and investigation.</li> <li>- Work as part of a team to match materials found at a crime scene.</li> <li>- Discuss the role an eye witness and experience being one.</li> <li>- Participate in a murder mystery.</li> </ul>
<b>Term 4</b>	Introduction to animal classification	<ul style="list-style-type: none"> <li>- Identify common and uncommon animals</li> <li>- Know if an animal is a pet, farm or wild animal.</li> <li>- Classify animals in fish, bird, reptile, mammal or amphibian.</li> <li>- Know the main parts of different animals and use their correct terminology.</li> <li>- Know the biological features of common animals</li> <li>- Describe similarities and differences between given animals</li> <li>- Explore features animals have.</li> <li>- Suggest why an animal has a specific feature</li> <li>- Group animals based on their characteristics</li> <li>- Explore animals' diets</li> <li>- Create food chains</li> </ul>



<b>Term 5</b>	Electricity	<ul style="list-style-type: none"> <li>- Identify appliances that use electricity or battery power to run</li> <li>- Know the dangers of electricity</li> <li>- Explore different components of an electric circuit</li> <li>- Create a poster on electric safety</li> <li>- Draw a diagram of an electric circuit</li> <li>- Construct electrical circuits including different components</li> </ul>
<b>Term 6</b>	Materials	<ul style="list-style-type: none"> <li>- Name different everyday materials</li> <li>- Explore the properties of different materials</li> <li>- Group materials</li> <li>- Carryout a scavenger hunt to find different materials</li> <li>- Explore materials that can be manipulated</li> </ul>

<p><b><u>Big Ideas:</u></b></p> <p>AQA – Healthy lifestyle – 11722 4</p> <p>AQA –Introduction to Space and our world – 111714 and 116343</p> <p>AQA – Forensic science – 114717</p> <p>AQA – Introduction to animal classification – 113666 and 116348</p> <p>AQA – Electricity – 71072 and 116345</p> <p>AQA – Introduction to everyday materials – 113526 and 116347</p> <p>AQA Unit Award Scheme</p>	<p><b><u>Individual Need:</u></b></p> <p>Students will access varying amounts of the big ideas content dependent on individual need.</p>
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