

BHBS Year 7 Learning Journey

Autumn	Spring	Summer
<p>7A Cells & Tissues</p> <ul style="list-style-type: none"> Describe plant and animal cells (AO1) Describe how organ systems are made up of cells, tissues and organs (AO1) Using a microscope (AO2) Calculating scale (AO2) 	<p>7C Ecology</p> <ul style="list-style-type: none"> Construct a 4 level food chain (AO2) Describe a variety of habitats (AO1) Explain the advantages of adaptations relating to survival of the organism (AO2) Planning an investigation (AO2) Evaluation of a method – sampling (AO3) 	<p>7D Classification</p> <ul style="list-style-type: none"> Identify inherited and environmental variations (AO1) Recall the main features of vertebrates and invertebrates (AO1) Use a classification key (AO2) Devise a classification key (AO2)
<p>7B Reproduction</p> <ul style="list-style-type: none"> Describe the process of fertilisation (AO1) Identify the parts of the human reproductive system (AO1) Describe the changes during puberty Describe foetal development during pregnancy (AO2) 	<p>7F Chemical Reactions</p> <ul style="list-style-type: none"> Recall the gas tests for Hydrogen, Carbon dioxide and Oxygen (AO1) Comparing chemical and physical reactions (AO1) Describe combustion in terms of reactants and products (AO2) Evaluating risks and hazards (AO3) 	<p>7H Earth Science</p> <ul style="list-style-type: none"> Identify different types of rock (AO1) Describe weathering processes (AO2) Practical skills – weathering (AO2) Use evidence to describe rock formations (AO2)
<p>7E Acids & Alkalis</p> <ul style="list-style-type: none"> Identify hazard symbols (AO1) Practical skills – identify risks and precautions (AO2) Describe how to test for acids Use the pH scale (AO2) Explain what is meant by a neutralisation reaction (AO2) 	<p>7G States of Matter</p> <ul style="list-style-type: none"> Describe the properties of solids, liquids and gases (AO1) Apply knowledge of the particle model to changes of state, pressure and diffusion (AO2) Describe the movement of particles (Brownian motion) Describe patterns in data using graphs (AO2) 	<p>7K Forces</p> <ul style="list-style-type: none"> Recall some forces (AO1) Explain when friction is useful and not useful (AO2) Represent forces using diagrams Numeracy - Interpret distance/time graphs (AO2)
<p>7I Energy</p> <ul style="list-style-type: none"> Name some fossil fuels (AO1) Describe the formation of fossil fuels (AO2) Name some renewable energy resources (AO2) Practical skills – Compare the energy in different foods (AO2) 	<p>7J Electrical Circuits</p> <ul style="list-style-type: none"> Describe electrical current (AO1) Compare current and voltage (AO1) Construct parallel and series circuits (AO1) Evaluate different models of circuits (AO3) Draw conclusions from experimental data (AO2) 	<p>7L The Solar System</p> <ul style="list-style-type: none"> Recall some forces (AO1) Literacy - State the meaning of key terminology (AO1) Describe some of the effects of forces (AO2) Develop numeracy skills – graph drawing (AO2) Numeracy skills – analyse data (AO2)