

Science – 3 Key Learning Points

Science – 3 KLP	Autumn	Spring	Summer
Year 6	<p>Living Things</p> <ul style="list-style-type: none"> • Classify organisms • Explain classification systems • Use scientific keys <p>Evolution and Inheritance</p> <ul style="list-style-type: none"> • Explain evolution • Describe adaptation • Use fossil evidence 	<p>Electricity</p> <ul style="list-style-type: none"> • Explain circuits • Investigate components • Use circuit diagrams <p>Light</p> <ul style="list-style-type: none"> • Explain light behaviour • Describe reflection and shadows • Use scientific explanations 	<p>Animals including Humans</p> <ul style="list-style-type: none"> • Describe circulatory system • Explain heart function • Analyse lifestyle impact
Year 5	<p>Properties of Materials</p> <ul style="list-style-type: none"> • Compare material properties • Explain reversible changes • Use evidence from tests 	<p>Forces</p> <ul style="list-style-type: none"> • Explain gravity • Describe resistance • Investigate mechanisms <p>Space</p> <ul style="list-style-type: none"> • Describe solar system • Explain Earth movement • Explain day and night 	<p>Living Things</p> <ul style="list-style-type: none"> • Describe life cycles • Explain reproduction • Compare organisms <p>Animals including Humans</p> <ul style="list-style-type: none"> • Explain human development • Describe changes over time • Analyse growth
Year 4	<p>Living Things</p> <ul style="list-style-type: none"> • Classify living things • Use classification keys • Explain environmental impact <p>Animals including Humans</p> <ul style="list-style-type: none"> • Describe digestive system • Explain teeth functions 	<p>Electricity</p> <ul style="list-style-type: none"> • Build simple circuits • Identify components • Explain conductors and insulators 	<p>States of Matter</p> <ul style="list-style-type: none"> • Compare solids, liquids and gases • Explain changes of state • Describe water cycle <p>Sound</p> <ul style="list-style-type: none"> • Explain how sound is made • Describe vibrations

	<ul style="list-style-type: none"> • Construct food chains 		<ul style="list-style-type: none"> • Investigate pitch and volume
Year 3	<p>Animals including Humans</p> <ul style="list-style-type: none"> • Explain nutrition • Describe skeleton and muscles • Compare diets 	<p>Rocks</p> <ul style="list-style-type: none"> • Compare rock types • Explain fossil formation • Describe soils <p>Light</p> <ul style="list-style-type: none"> • Explain how light works • Describe reflection • Explain shadows 	<p>Plants</p> <ul style="list-style-type: none"> • Identify plant parts and functions • Explain water transport • Describe life cycle <p>Forces</p> <ul style="list-style-type: none"> • Explain forces • Identify magnetic attraction • Investigate movement
Year 2	<p>Plants</p> <ul style="list-style-type: none"> • Describe plant needs • Observe growth from seeds • Explain plant development <p>Materials</p> <ul style="list-style-type: none"> • Compare material suitability • Describe changes to materials • Explain uses of materials 	<p>Animals including Humans</p> <ul style="list-style-type: none"> • Describe life cycles • Explain survival needs • Understand health and hygiene 	<p>Living Things & Habitats</p> <ul style="list-style-type: none"> • Identify habitats • Explain simple food chains • Compare living, dead and non-living
Year 1	<p>Seasonal Changes</p> <ul style="list-style-type: none"> • Observe seasonal weather patterns • Describe day length changes • Identify seasonal differences <p>Materials</p> <ul style="list-style-type: none"> • Identify everyday materials 	<p>Seasonal Changes</p> <ul style="list-style-type: none"> • Observe ongoing weather patterns • Describe seasonal change over time • Use simple data to track weather <p>Plants</p> <ul style="list-style-type: none"> • Identify plant parts 	<p>Animals</p> <ul style="list-style-type: none"> • Identify common animals • Compare animal structures • Classify animals <p>Humans</p> <ul style="list-style-type: none"> • Name body parts • Identify senses • Explain the use of senses

	<ul style="list-style-type: none">• Describe physical properties• Compare material uses	<ul style="list-style-type: none">• Explain plant growth• Observe plant changes	
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