





SCIENCE OVERVIEW

EYFS

	AUTUMN	SPRING	SUMMER
CYCLE A	<p>TERM 1 BIG IDEA: SEASONAL CHANGES End point assessment: Can I talk about why seasons change and how these changes look in Autumn?</p> <p>TERM 2 BIG IDEA: Materials End point assessment: Can I talk about the names of different materials?</p>	<p>TERM 3 BIG IDEA: MY BODY END POINT ASSESSMENT: Can I name and locate parts of my body?</p> <p>TERM 4 BIG IDEA: Food End point assessment: Can I talk about where specific food groups come from?</p> <p>BIG IDEA: LIFE CYCLES End point assessment: Can I talk about what a life cycle is and the changes that happen within them?</p>	<p>TERM 5 BIG IDEA: PLANT GROWTH End point assessment: Can I talk about what plants need to grow?</p> <p>TERM 6 BIG IDEA: MINIBEASTS AND HABITATS End point assessment: Can I locate and talk about the different habitats of minibeasts?</p> <p>BIG IDEA: FLOATING AND SINKING End point assessment: Can I talk about which materials float, which sink and why?</p>
	KS1		
	AUTUMN	SPRING	SUMMER



CYCLE A	<p><u>TERM 1 & 2 (stretched over)</u> BIG IDEA: SEASONAL CHANGES End point assessment: What changes happen across the four seasons?</p>	<p><u>TERM 3</u> BIG IDEA: ANIMALS AND HUMANS Y1 End point assessment: How can we organise and classify animals, including humans?</p> <p><u>TERM 4</u> BIG IDEA: ANIMALS AND HUMANS Y2 End point assessment: How do living things change over time?</p>	<p><u>TERM 5</u> BIG IDEA: PLANTS Y1 End point assessment: Can I name and describe the basic structure of plants and trees?</p> <p><u>TERM 6</u> BIG IDEA: PLANTS Y2 End point assessment: How do living plants grow and stay healthy?</p>
CYCLE B	<p><u>TERM 1</u> BIG IDEA: EVERYDAY MATERIALS Y1 End point assessment: Why are different objects made from different materials?</p> <p><u>TERM 2</u> BIG IDEA: USE OF EVERYDAY MATERIALS Y2 End point assessment: What makes a material suitable for its object?</p>	<p><u>TERM 3 & 4</u> BIG IDEA: LIVING THINGS & THEIR HABITATS Y2 End point assessment: How do living things survive in their habitat?</p>	<p><u>TERM 5 & 6</u> BIG IDEA: MICRO HABITATS Y2 (living things and their habitats) End point assessment: How do living things survive in their habitat?</p>
	LKS2		
CYCLE A	<p style="text-align: center;">AUTUMN</p> <p><u>TERM 1</u> BIG IDEA: ELECTRICITY Y4 End point assessment: Can I recognise and explain why a circuit is not complete, and find a solution?</p>	<p style="text-align: center;">SPRING</p> <p><u>TERM 3 & 4 (stretched over)</u> BIG IDEA: ANIMALS INCLUDING HUMANS Y3 End point assessment: How do animals and humans stay healthy? Why do some animals have skeletons and muscles?</p>	<p style="text-align: center;">SUMMER</p> <p><u>TERM 5</u> BIG IDEA: ANIMALS INCLUDING HUMANS Y4 End point assessment: Can I describe the functions of the digestive system, identify the different types of teeth in humans and construct a variety of food chains?</p>

	<p>TERM 2 BIG IDEA: ROCKS AND SOILS Y3 End point assessment: Can I explain how can rocks be grouped, how fossils are formed, and what soil is made from?</p>		<p>TERM 6 BIG IDEA: LIGHT Y3 End point assessment: How does light help us see? Can I describe reflection and how shadows are formed?</p>
CYCLE B	<p>TERM 1 BIG IDEA: FORCES AND MAGNETS Y3 End point assessment: Can I observe and compare different forces?</p> <p>TERM 2 BIG IDEA: STATES OF MATTER Y4 End point assessment: Can I compare and group solids, liquids and gases? Can I observe and describe changes in state? Can I explain what evaporation and condensation is?</p>	<p>TERM 3 & 4 (stretched over) BIG IDEA: LIVING THINGS AND THEIR HABITATS Y4 End point assessment: Can I group and classify living things and describe how changes in environments can have an impact on our ecosystems?</p>	<p>TERM 5 BIG IDEA: SOUND Y4 End point assessment: How is sound made and how can we change it?</p> <p>TERM 6 BIG IDEA: PLANTS Y3 End point assessment: Can I identify and describe the functions of different parts of flowering plants and their life cycle?</p>
	UKS2		
	AUTUMN	SPRING	SUMMER
CYCLE A	<p>TERM 1 BIG IDEA: LIGHT Y6 End point assessment: How does light travel and how does this impact how we see things?</p> <p>TERM 2 BIG IDEA: ELECTRICITY Y6 End point assessment: How does voltage of cells impact on the brightness of bulbs or volume of</p>	<p>TERM 3 BIG IDEA: ANIMALS INCLUDING HUMANS Y5 End point assessment: Can I describe the changes as humans develop to old age? BIG IDEA: ANIMALS INCLUDING HUMANS Y6</p> <p>TERM 4 BIG IDEA: ANIMALS INCLUDING HUMANS Y6 (continued) End point assessment: Can I identify and describe the parts and functions of the human circulatory</p>	<p>TERM 5 and 6 (stretched over) BIG IDEA: EVOLUTION AND INHERITANCE Y6 End point assessment: Can I recognise that living things have changed over time and can I identify how animals and plants have adapted to suit their environment?</p>

	buzzers? Can I use recognised symbols when representing a simple circuit in a diagram?	system? How do lifestyle choices impact the way our bodies function?	
CYCLE B	<p><u>TERM 1</u> BIG IDEA: PROPERTIES AND CHANGES OF MATERIALS (Y5) End point assessment: Can I compare and group everyday materials on the basis of their properties? Can I test and evidence how changes occur in these materials?</p> <p><u>TERM 2</u> BIG IDEA: FORCES Y5 End point assessment: Can I explain different forces: gravity, air and water resistance, friction and mechanisms?</p>	<p><u>TERM 3</u> BIG IDEA: LIVING THINGS AND THEIR HABITATS Y5 End point assessment: Can I describe differences in life cycles and the life process of reproduction in some plants and animals?</p> <p><u>TERM 4</u> BIG IDEA: LIVING THINGS AND THEIR HABITATS Y6 End point assessment: Can I describe and classify living things based on specific characteristics?</p>	<p><u>TERM 5 and 6 (stretched over)</u> BIG IDEA: EARTH AND SPACE Y5 End point assessment: Can I describe the movements of the Earth, other planets and the moon? Can I explain how night and day happens?</p>