

Science



Cycle A		1 Time Travel	2 Planet Earth	3 Heroes and Villains	4 What's in the News?	5 Food for Thought	6 Incredible Humans
	EY	<p><u>All About Me</u></p> <p>Unit: Learning about the human body, including growth and effects of exercise.</p> <p>Investigation(s): How does my body change when I exercise?</p>	<p><u>Solar System</u></p> <p>Unit: Learning about the world, including weather conditions, animals, plants rocks and water.</p> <p>Investigation(s): How does heat affect ice? What can I observe in my surroundings? How does the weather change?</p>	<p><u>Fairy Tales</u></p> <p>Unit: Learning that plants grow from seeds, naming the parts of a plant and comparing healthy and unhealthy plants.</p> <p>Investigation(s): What do plants need to grow healthily?</p>	<p><u>Spring into Action</u></p> <p>Unit: Observing seasonal changes.</p> <p>Investigation(s): How does the environment change in spring?</p>	<p><u>Healthy Living</u></p> <p>Unit: Understanding healthy diets and healthy lifestyles.</p> <p>Investigation(s): How can foods be grouped?</p>	<p><u>People Who Help Us</u></p> <p>Unit: Understanding properties of materials, and which materials or elements may be unsafe.</p> <p>Investigation(s): Which materials float and which materials sink?</p>
	1/2	<p><u>Back to the Stone Age</u></p> <p>Unit: Seasons: autumn and winter.</p> <p>Investigation(s): How does the weather change?</p>	<p><u>Hidden Habitats</u></p> <p>Unit: Living things and their habitats.</p> <p>Investigation(s): Which habitat do minibeasts like the most?</p>	<p><u>From Book to Film</u></p> <p>Unit: Suitability of everyday materials.</p> <p>Investigation(s): Which material should we use to make a house for the Three Little Pigs?</p>	<p><u>Save the Orangutans</u></p> <p>Unit: Seasons: spring and summer.</p> <p>Investigation(s): Is the temperature always the same? Does the wind always blow in the same direction?</p>	<p><u>Take me to Italy</u></p> <p>Unit: Animals including humans: healthy lifestyles.</p> <p>Investigation(s): Are all children small and all adults tall?</p>	<p><u>Amazing Amy</u></p> <p>Unit: Plants.</p> <p>Investigation(s): What do plants need to grow healthily?</p>
	3/4	<p><u>Vikings</u></p> <p>Unit: Forces and magnets.</p> <p>Investigation(s): Are all metals magnetic? Do magnets work at all distances? How do road surfaces affect the speed of cars?</p>	<p><u>Up in Smoke</u></p> <p>Unit: Rocks.</p> <p>Investigation(s): Are all rocks the same?</p>	<p><u>The Second World War</u></p> <p>Unit: Animals including humans.</p> <p>Investigation(s): Can people with longer femurs jump further? Can a skeleton work without muscles?</p>	<p><u>What a Load of Rubbish!</u></p> <p>Unit: Light.</p> <p>Investigation(s): When will I see the longest shadow?</p>	<p><u>Chocolate: is it Worth it?</u></p> <p>Unit: Plants.</p> <p>Investigation(s): How does water travel through a plant?</p>	<p><u>From Ancient to Invictus</u></p> <p>Unit: Animals including humans.</p> <p>Investigation(s): Are all drinks healthy? (Comparing the amounts of sugar found in drinks, and representing findings visually.)</p>
	5/6	<p><u>Ancient Greece</u></p> <p>Unit: Forces.</p> <p>Investigation(s): How does surface area affect the speed at which an object falls?</p>	<p><u>Natural Disasters</u></p> <p>Unit: Properties of materials.</p> <p>Investigation(s): Do all solids dissolve?</p>	<p><u>"Toil and Trouble..."</u></p> <p>Unit: Animals including humans.</p> <p>Investigation(s): Are the gestation periods of all species of animal the same? Does age affect height?</p>	<p><u>Our Community</u></p> <p>Unit: Living things.</p> <p>Investigation(s): Can a plant be cloned?</p>	<p><u>Great Southcoates Bake Off</u></p> <p>Unit: Properties of materials.</p> <p>Investigation(s): Are changes of state reversible changes?</p>	<p><u>A Gentleman's Game?</u></p> <p>Unit: The Earth and space.</p> <p>Investigation(s): Can shadows help us to tell the time?</p>

Cycle B

	1 Kings and Queens	2 A Drop in the Ocean	3 A Stitch in Time	4 A Helping Hand	5 Battle of the Authors	6 Survival of the Fittest
EY	<p><u>Medieval Times</u></p> <p><u>Unit:</u> Properties of materials.</p> <p><u>Investigation(s):</u> Are all materials strong?</p>	<p><u>Under the Sea</u></p> <p><u>Unit:</u> Solids, liquids and an introduction to habitats.</p> <p><u>Investigation(s):</u> How do liquids behave?</p>	<p><u>Materials That we Use</u></p> <p><u>Unit:</u> Properties of materials.</p> <p><u>Investigation(s):</u> Which material will keep my teddy dry?</p>	<p><u>The Gift of Charity</u></p> <p><u>Unit:</u> Animals including humans: learning what humans need to survive.</p> <p><u>Investigation(s):</u> What should I use to make a shelter for a human?</p>	<p><u>Julia Donaldson vs John Burningham</u></p> <p><u>Unit:</u> Understanding the properties of different materials, and how this can affect objects that move along them.</p> <p><u>Investigation(s):</u> Will Mr Gumpy's car always travel at the same speed?</p>	<p><u>Healthy Bodies, Healthy Minds</u></p> <p><u>Unit:</u> Naming body parts and understanding the senses.</p> <p><u>Investigation(s):</u> Do we always have a shadow? Do all things taste the same?</p>
1/2	<p><u>The Victorians</u></p> <p><u>Unit:</u> Properties of everyday materials.</p> <p><u>Investigation(s):</u> Can the shape of a solid be changed?</p>	<p><u>Penguin Parade</u></p> <p><u>Unit:</u> Animals including humans: classifying animals.</p> <p><u>Investigation(s):</u> How can animals be grouped?</p>	<p><u>Magical Memories</u></p> <p><u>Unit:</u> Seasons: autumn and winter</p> <p><u>Investigation(s):</u> Can a pine cone predict the weather?</p>	<p><u>999 – Emergency!</u></p> <p><u>Unit:</u> Changing shape: everyday materials.</p> <p><u>Investigation(s):</u> Is sand a liquid or a solid?</p>	<p><u>Beatrix Potter Vs Oliver Jeffers</u></p> <p><u>Unit:</u> Plants.</p> <p><u>Investigation(s):</u> Do plants need soil to grow?</p>	<p><u>Predators</u></p> <p><u>Unit:</u> Living things.</p> <p><u>Investigation(s):</u> Do plants breathe?</p>
3/4	<p><u>Henry VIII</u></p> <p><u>Unit:</u> Sound.</p> <p><u>Investigation(s):</u> Can I change the pitch of a sound?</p>	<p><u>The Lost Villages</u></p> <p><u>Unit:</u> States of matter.</p> <p><u>Investigation(s):</u> Do all solids melt at the same temperature?</p>	<p><u>Fashion in the 1960s</u></p> <p><u>Unit:</u> Electricity.</p> <p><u>Investigation(s):</u> Are all materials conductors of electricity? Can I make a bulb brighter?</p>	<p><u>Emergency Services</u></p> <p><u>Unit:</u> Animals including humans.</p> <p><u>Investigation(s):</u> Are my teeth invincible?</p>	<p><u>Roald Dahl vs David Walliams</u></p> <p><u>Unit:</u> Living things.</p> <p><u>Investigation(s):</u> Do plants prefer our playground or East Park?</p>	<p><u>Deadly Sixty</u></p> <p><u>Unit:</u> Animals including humans.</p> <p><u>Investigation(s):</u> Can a skull teach me about an animal's diet?</p>
5/6	<p><u>Boudicca</u></p> <p><u>Unit:</u> Electricity.</p> <p><u>Investigation(s):</u> How does a change in voltage affect my circuit?</p>	<p><u>The Journey</u></p> <p><u>Unit:</u> Light.</p> <p><u>Investigation(s):</u> Can I make a rainbow from a prism?</p>	<p><u>The Elizabethans</u></p> <p><u>Unit:</u> Animals including humans.</p> <p><u>Investigation(s):</u> Is there a relationship between my circulatory system and exercise?</p>	<p><u>Looking After Others</u></p> <p><u>Unit:</u> Evolution and inheritance.</p> <p><u>Investigation(s):</u> How can rocks teach me about animals and plants?</p>	<p><u>C.S. Lewis vs Phillip Pullman</u></p> <p><u>Unit:</u> Living things.</p> <p><u>Investigation(s):</u> Are all plants the same?</p>	<p><u>Running Wild</u></p> <p><u>Unit:</u> Animals including humans.</p> <p><u>Investigation(s):</u> Question to be chosen by the children.</p>