























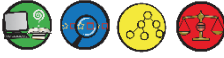





Science Curriculum Overview

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<p><u>We All Belong Here</u></p> <p>Animals including humans -Understanding the world -Communication and language -Personal, social and emotional development</p>	<p><u>Why Do Squirrels Hide Their Nuts</u></p> <p>Seasonal Changes -Understanding the world -Communication and language -Personal, social and emotional development</p>	<p><u>Winter Wonderland</u></p> <p>Everyday materials -understanding the world -Communication and language -Personal, social and emotional development</p>	<p><u>Dinosaur Stomp</u></p> <p>Everyday materials (name materials) Forces and magnets -understanding the world -Communication and language -Personal, social and emotional development</p>	<p><u>The Sights and Sounds of Africa</u></p> <p>Lights and shadows Weather -understanding the world -Communication and language -Personal, social and emotional development</p>	<p><u>Mad About Minibeasts</u></p> <p>Animals, including humans Plants -understanding the world -Communication and language</p>
1	<p><u>Everyday Materials</u></p> <p>Everyday materials -distinguish between an object and a material -Properties of materials -Scientist: Chester Greenwood</p> 	<p><u>School Days</u></p> <p>Seasonal Changes -weather and the changes -Scientist: Rebecca Wood</p> 	<p><u>No Place Like Home</u></p> <p>Animals, including humans -types of animals -parts of the human body and senses -Scientist: zoologist, marine biologist</p> 	<p><u>Monarchs</u></p> <p>Animals, including humans -types of animals -parts of the human body and senses -Scientist: zoologist, marine biologist</p> 	<p><u>Rio de Vida</u></p> <p>Plants -common plants -basic structure -Scientist: Beatrix Potter</p> 	
2	<p><u>Bright Lights, Big City</u></p> <p>Everyday materials -properties of materials -bending, squashing, twisting and stretching -Scientist: Charles Macintosh</p> 	<p><u>Significant People</u></p> <p>Everyday materials -properties of materials -bending, squashing, twisting and stretching -Scientist: Charles Macintosh</p> 	<p><u>Alive and Kicking</u></p> <p>Animals, including humans -basic needs for a human -offspring -Scientist: Charles Macintosh</p> 	<p><u>Under the Canopy</u></p> <p>Living things and their habitats -suitable habitats -living, dead, never alive -Scientist: Chris Packham</p> 	<p><u>Land Ahoy!</u></p> <p>Plants -seeds and bulbs -plants basic needs -Scientist: Luther Burbank</p> 	<p><u>Beside the Seaside</u></p>
3	<p><u>Road Trip USA!</u></p> <p>Plants -functions of the parts of a plant -explore requirements of a plant -Scientist: George Washington Carver</p> 	<p><u>Stone Age, Bronze Age and Iron Age</u></p>	<p><u>Forces, Magnets and Metals</u></p> <p>Forces and magnets -moving of different surfaces -attract and repel -Scientist: John Boyd Dunlop</p> 	<p><u>Volcanoes and Earthquakes</u></p> <p>Rocks -types of rocks and soil -how fossils are formed -Scientist: Mary Anning, Ellie Edwards</p> 	<p><u>Ancient Greece</u></p> <p>Light -darkness is the absence of light -shadows Scientist: Bob Switzer</p> 	<p><u>Take One Author: Roald Dahl</u></p> <p>Animals, including humans -Purpose of the skeleton and muscles -nutrition Scientist: Osteologist and Nutritionist</p> 
4	<p><u>Roman Britain</u></p> <p>Electricity -mains and battery powered -circuits, insulator, conductor -Scientist: Alessandro Volta, Warren de la Rue, Thomas Edison</p> 	<p><u>Anglo-Saxons</u></p> <p>Sound -how sounds are made and travel -finding patterns: volume, pitch Scientist: Robert Boyle, Galileo Galilei</p> 	<p><u>Misty Mountains, Winding Rivers</u></p> <p>States of matter -particles, heating and cooling -water cycle Scientist: NASA-Aqua</p> 	<p><u>Take One Author: Michael Morpurgo</u></p> <p>Animals, including humans -teeth, digestive system -food chains Scientist: Ancient Egyptians, William Addis</p> 	<p><u>Vikings</u></p>	<p><u>Living Things and their Habitats</u></p> <p>Living things and their habitats -classification keys -environmental impact on living things Scientist: STEM- Insect hunt</p> 
5	<p><u>Marvellous Mechanisms</u></p> <p>Forces -gravity, friction, air and water resistance -levers, pulleys and gears Scientist: Galileo Galilei, Isaac Newton, Leonardo Da Vinci, Sebastien Lenormand</p> 	<p><u>The Solar System</u></p> <p>Earth and Space -movement of planets -day and night Scientist: Ptolemy and Copernicus</p> 	<p><u>English Civil War</u></p>	<p><u>Polesworth and Coal Mining</u></p> <p>Properties of materials -Separating materials -properties of materials (solubility, conductivity) -forming new materials</p> 	<p><u>Take One Author: Kwame Alexander</u></p> <p>Living things and their habitats -life cycles of animals -reproduction in plants and animals Scientist: David Attenborough</p> 	<p><u>Ancient Egypt</u></p> <p>Animals, including humans -changes in humans as they grow (PSHE link) -gestation periods</p> 
6	<p><u>Darwin's Delight</u></p> <p>Evolution and inheritance -link between adaptation and evolution -fossils provide information Scientist: Charles Darwin, David Attenborough</p> 	<p><u>World War 2</u></p> <p>Electricity -circuit symbols -does voltage effects components? Scientist: Alessandro Volta</p> 	<p><u>Frozen Kingdom</u></p> <p>Living things and their habitats -classification of plants, animals and microorganism -multilayer classification diagrams Scientist: Carl Linnaeus</p> 	<p><u>Tales of Terror</u></p>	<p><u>Mayans</u></p> <p>Animals, including humans -circulatory system, the heart and blood -impact of diet, exercise and drugs on the body Scientist: Helen Brooke Taussig</p> 	<p><u>Mayans</u></p> <p>Light -light travels in straight lines -shape of shadows Scientist: C.V Raman</p> 