

## Science curriculum overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year One	<p><b>Can I name the main parts of the human body and explain their functions?</b> (Animals including humans -7 weeks)</p>	<p><b>Can I group animals?</b> (Animals including humans- 5 weeks) <b>What is autumn?</b> (Seasonal changes- 2 weeks)</p>	<p><b>How can I look after my body when I am ill?</b> (Healthy bodies- 6 weeks) <b>Who is Jane Goodall?</b></p>	<p><b>Can I name everyday materials and their properties?</b> (Materials -8 weeks) <b>What is spring?</b> (Seasonal changes- 2 weeks) <b>Who is John Boyd?</b></p>	<p><b>Can I label and describe the basic parts of a plant?</b> (Plants -4 weeks)  *Materials will extend into summer 1.</p>	<p><b>Can I identify and name common garden plants, wild flowers and trees?</b> (Plants -4 weeks) <b>What is summer?</b> (Seasonal changes - 2 weeks)</p>
Year Two	<p><b>How has my body changed since birth?</b> <b>How do animals survive?</b> (Animals including humans -7 weeks)</p>	<p><b>How can I keep my body fit and healthy?</b> (Healthy bodies- 7 weeks)</p>	<p><b>Can I identify and compare the properties of everyday materials?</b> (Materials- 6 weeks) <b>Who is Charles Macintosh?</b></p>	<p><b>What are habitats?</b> (Living things and their habitats- 8 weeks) <b>Who is Sir David Attenborough?</b></p>	<p><b>What does a plant need to survive?</b> (Plants- 4 weeks) *Living things and their habitats will extend into summer 1 by two weeks</p>	<p><b>What plants grow in my local area?</b> (Plants- 6 weeks)</p>
Year Three	<p><b>What nutrients does my body need to survive?</b> (Animals including humans- 7 weeks) <b>Who is Elizabeth Garret Anderson?</b></p>	<p><b>Why is sleep important?</b> (Healthy bodies- 5 weeks) <b>What is a magnetic force?</b> (Forces- 2 weeks)</p>	<p><b>What is a magnetic force?</b> (continued) (Forces- 6 weeks)</p>	<p><b>Can I identify different rock types and their properties?</b> (Rocks- 6 weeks) <b>Who is Mary Anning?</b></p>	<p><b>Why do we need light?</b> (Light- 6 weeks)</p>	<p><b>What are the functions of different parts of a plant?</b> (Plants- 6 weeks)</p>
Year Four	<p><b>What is the digestive system?</b> (Animals including humans- 7 weeks)</p>	<p><b>What effect does sugar have on the body?</b> (Healthy bodies- 3-4 weeks) <b>What materials are good conductors of electricity?</b> (Electricity-3 weeks)</p>	<p><b>Can I construct simple electrical circuits?</b> (Electricity- 6 weeks)  <b>Who is Ada Lovelace?</b></p>	<p><b>What are solids, liquids and gases?</b> (States of matter- 6 weeks)</p>	<p><b>Can I explain how sound travels?</b> (Sound- 6 weeks)  <b>Who is Alexander Graham Bell?</b></p>	<p><b>How do environments change over time?</b> (Living things and their habitats- 6 weeks)</p>

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Year Five	<p><b>How do diet and exercise affect my overall health?</b> (Animals including humans- 7 weeks)</p>	<p><b>How can I look after my body?</b> (Healthy bodies- 3 weeks) <b>Can I compare and group everyday materials based on their properties?</b> (Materials- 4 weeks)</p>	<p><b>What are reversible and irreversible changes?</b> (Materials- 6 weeks)</p>	<p><b>Can I identify different forces?</b> (Forces- 6 weeks)  <b>Who is Sir Isaac Newton?</b></p>	<p><b>What is the solar system?</b> (Earth and Space- 6 weeks)  <b>Who is Valentina Tereshkova?</b></p>	<p><b>What are life cycles?</b> (Living things and their habitats- 6 weeks)</p>
Year Six	<p><b>What are microorganisms? Can I classify living things?</b> (Living things and their habitats- 7 weeks)  <b>Who is Alexander Fleming? Who is Carl Linnaeus?</b></p>	<p><b>How have living things evolved over time?</b> (Evolution and inheritance- 7 weeks)  <b>Who is Charles Darwin?</b></p>	<p><b>How can I use an electrical circuit?</b> (Electricity- 6 weeks)</p>	<p><b>What are the functions of the circulatory and nervous systems?</b> (Animals including humans- 6 weeks)</p>	<p><b>How do drugs and alcohol affect my body?</b> (Healthy bodies- 6 weeks)</p>	<p><b>How does light travel?</b> (Light- 6 weeks)</p>