







Scientists and careers in science across the science curriculum











Year 1			
Plants	Animals, including humans	Everyday materials	Seasonal changes
Scientists			
 <p>Beatrix Potter (Author and Botanist) Arit Anderson (Garden Designer and presenter of Gardeners World)</p>	 <p>Chris Packham (Animal Conservationist, Wildlife photographer, ASD) Malaika Vaz (Wildlife Videographer and National Geographic Explorer)</p>	 <p>William Addis (Inventor of the toothbrush) Dr Pearl Agyakwa (Materials scientist)</p>	 <p>Liam Dutton (Weatherperson/Meteorologist) John Dalton (British Weather pioneer)</p>
Careers			
<p>Arborist (cares for and manages trees) Botanist (studies plants)</p>	<p>Zoologist (studies animals) Wildlife photographer (takes pictures of animals and plants)</p>	<p>Materials scientist (researches structures and properties of materials)</p>	<p>Meteorologist (studies the atmosphere and weather) Climatologist (studies climate patterns)</p>
Working scientifically skills			
<p>I'm observing closely like an arborist. I'm identifying and classifying like a botanist.</p>	<p>I'm asking questions like a zoologist. I'm observing closely, using simple equipment, like a wildlife photographer.</p>	<p>I'm performing simple tests like a materials scientist.</p>	<p>I'm using my observations to suggest answers to questions like a meteorologist. I'm gathering and recording data like a climatologist.</p>



Scientists and careers in science across the science curriculum



Year 2			
Living things and their habitats	Plants	Animals, including humans	Uses of everyday materials
Scientists			
  <p>Rachel Carson (Marine Biologist)</p> <p>Tanesha Aleen (Zoologist)</p>	  <p>George Washington Carver (Botanist)</p> <p>Agnes Arber (1879-1960) Botanist</p>	  <p>Dr Donald Palmer (researches the ageing of the immune system)</p> <p>Bear Grylls (Survival Expert)</p>	  <p>Charles Macintosh (Inventor of waterproof material)</p> <p>Danial Azahan (Mechanical engineer)</p>
Careers			
<p>Taxonomist (classifies animals and plants)</p> <p>Wildlife Filmmaker (creates films and documentaries about wildlife)</p>	<p>Gardener (creates and maintains gardens and green spaces)</p> <p>Tree surgeon (plants, maintains and manages trees)</p>	<p>Animal behaviourist (studies animal interactions)</p> <p>Exercise physiologist (a doctor who helps people improve their fitness)</p>	<p>Builder (builds structures)</p> <p>Mechanical engineer (designs, analyses and manufactures mechanical systems)</p>
Working scientifically skills			
<p>I'm identifying and classifying like a taxonomist.</p> <p>I'm observing closely, using simple equipment, like a wildlife filmmaker.</p>	<p>I'm observing closely like a tree surgeon.</p>	<p>I'm asking questions like an animal behaviourist.</p> <p>I'm gathering and recording data like an exercise physiologist.</p>	<p>I'm performing simple tests like a builder.</p> <p>I'm using my observations to suggest answers to question like a mechanical engineer.</p>