

## SCIENCE Aspirational People

### Nursery

	<p><b>My body - Face</b> dentist</p>
	<p><b>Animals</b> Farmer/ Vet</p>
	<p><b>Forces (push and pull)</b> construction vehicle drivers</p>
	<p><b>Senses (Exploring materials)</b> potter</p>
	<p><b>Plants</b> Gardener</p>
	<p><b>Weather</b> Weather presenter</p>

## Reception

Scientists study the world around us, the people and animals in it as well as studying space. They do this by looking and by doing experiments.

	<p style="text-align: center;"><b>Animals - The Gruffalo</b></p> <p>A <b>vet</b> is a person who looks after animals when they are unwell or injured.</p> <p>Animal experts <b>Ferne and Rory</b> help children understand that, just like us, animals can get sick and need help from a <b>vet</b>.</p>
	<p style="text-align: center;"><b>Space</b></p> <p>An <b>astronaut</b> is a person who is trained to travel into space. <b>Tim Peake</b> (April 7, 1972) is a British astronaut. In 2016 he became the first official British astronaut to walk in space.</p>
	<p style="text-align: center;"><b>My Body (Healthy Me)</b></p> <p><b>Rosalind Frankin</b> (1920-1958) was an English scientist who made X-ray images of DNA.</p>
	<p style="text-align: center;"><b>Seasons – Spring</b></p> <p><b>Isaac Newton</b> went home to Woolsthorpe during the plague of 1665. One day, he was sitting under a tree in an orchard when he saw an apple fall to the ground. He wondered why it fell and why it didn't just stay where it was.</p>
	<p style="text-align: center;"><b>Plants - God's Wonderful World</b></p> <p>A scientist who discovers plants is called a <b>botanist</b>. <b>Mr Bloom</b> is a happy-go-lucky, singing gardener who runs his own nursery, complete with singing vegetables (the Veggies)</p>
	<p style="text-align: center;"><b>Food and Nutrition</b></p> <p><b>Jamie Oliver</b> <u>MBE</u> (James Trevor Oliver, born 27 May 1975) is a <u>British celebrity chef</u>, <u>restaurateur</u>, and <u>media personality</u>. He is known for his <u>television shows</u>, cookbooks and <u>restaurants</u>. He has highlighted the need for improved cooking in <u>schools</u> and <u>hospitals</u>.</p>
	<p style="text-align: center;"><b>Materials - Different Homes</b></p> <p><b>Ole Kirk Christiansen</b> invented Lego in 1949.</p>
	<p style="text-align: center;"><b>Seasons – Summer</b></p> <p>A <b>meteorologist</b> is a scientist who studies weather <b>Shefali Oza</b> (born 24 September 1967) is an Indian TV personality and the main <b>weather presenter</b> on BBC Birmingham's Midlands Today.</p>

	<p style="text-align: center;"><b>Properties of everyday materials</b></p> <p><b>Katharine Blodgett</b>, General Electric's first female scientist, discovered a way to eliminate glare and distortion on glass which revolutionised cameras, microscopes, eyeglasses, and more.</p>
	<p style="text-align: center;"><b>Classifying and grouping materials</b></p> <p><b>Alexander Parkes</b> (1813 - 1890) was an English <u>inventor</u>. He created the earliest form of <u>plastic</u> which was called parkesine.</p>
	<p style="text-align: center;"><b>The Human Body (and other animals)</b></p> <p><b>Marie Curie</b> was a physicist and chemist who is remembered for her discovery of the chemical elements radium and polonium. She was the first woman to win the Nobel Prize and the first person to ever win it twice.</p>
	<p style="text-align: center;"><b>Classifying Animals</b></p> <p><b>Sir David Attenborough</b> (1951–present ) is an English broadcaster, writer, and a well-known face and voice of natural history documentaries. The Life series that Attenborough wrote and produced became the standard for modern nature documentaries.</p>
	<p style="text-align: center;"><b>Plants (trees and flowers)</b></p> <p><b>Gertrude Jekyll</b> (1843-1932) created some 400 gardens in the UK, Europe and America; her influence on garden design has been pervasive to this day. She ran a garden centre there and bred many new plants.</p>
	<p style="text-align: center;"><b>Seasonal Change (Autumn and Winter)</b></p> <p><b>Andres Celsius</b> (1701-1744) was a Swedish astronomer who created a temperature scale, divided into small parts called degrees.</p>
	<p style="text-align: center;"><b>Seasonal Change (Spring and Summer)</b></p> <p><b>Daniel Gabriel Fahrenheit</b> In 1714, Dutch scientist and inventor invented the first reliable thermometer</p>

## Year 2

	<p style="text-align: center;"><b>Properties of everyday materials</b></p> <p><b>Charles Macintosh</b> 29 December 1766 – 25 July 1843 Invented the first waterproof fabric by painting a dissolved rubber solution onto cloth.</p>
	<p style="text-align: center;"><b>Classifying and grouping materials</b></p> <p><b>John McAdam</b> 23 Sep 1756 – 26 Nov 1836 John McAdam thought it would be easier if the roads were covered in small stones and invented tarmac. It took his company 30 years to cover all roads across the UK.</p>
	<p><b>John Boyd Dunlop</b> 5 Feb 1840 – 23 Oct 1921 Inventor who developed the pneumatic rubber tire.</p>
	<p style="text-align: center;"><b>Lifecycle of animals - (MRS GREN)</b></p> <p><b>Charles Darwin</b> 12 Feb 1809 – 19 Apr 1882 best known for his contributions to the science of evolution.</p>
	<p style="text-align: center;"><b>Habitats</b></p> <p><b>Dr. Jane Goodall</b> 3 April 1934 She's a <b>primatologist</b> whose ground breaking <b>chimpanzee studies</b> in <b>Tanzania, East Africa</b>, changed the way we think about wildlife forever!</p>
	<p style="text-align: center;"><b>Growing Plants (life-cycle)</b></p> <p><b>Marianne North</b> (1830-1890) dedicated her life to recording plants and flowers around the world. Her skill in botanical drawing, before the advent of photography, meant her work helped to further our knowledge of plant life.</p>
	<p style="text-align: center;"><b>Light and Electricity</b></p> <p><b>Thomas Edison</b> <i>Thomas Alva Edison</i> was a famous American inventor. He is best known for inventing 'domestic' lightbulbs to go in houses, and the electric power system that allows them to work. He came up with over 1000 successful inventions in his lifetime.</p>

