



Science Unit	Scientist	Key Facts
Whole School – Promote questioning	<b>Sir Albert Einstein.</b> 	(1879 – 1955) <a href="#">Einstein</a> is probably most famous for his ‘theory of relativity’ and the equation he made famous, $e=mc^2$ , which proved that even the smallest amount of mass (basically the stuff that’s in everything!) can be turned into a huge amount of energy.
STEM	<b>Jane Goodall</b> 	Conservationist and scientist. A British scientist and conservationist who has studied chimpanzees for many years. She is considered to be the world expert on chimpanzees and their behaviour. <a href="https://www.activityvillage.co.uk/jane-goodall">https://www.activityvillage.co.uk/jane-goodall</a>
Animals including Humans Year 6 Unit	<b>Marie Maynard Daly</b>  <b>Alexander Fleming</b>  <b>Rachel Croft</b> 	Known for her work on how the heart and circulatory system are affected by sugar and cholesterol. <a href="https://marie-maynard-daly">https://marie-maynard-daly</a>  Well known for discovering the world’s first antibiotic that could be used to treat illnesses caused by bacteria. Alexander Fleming called it penicillin <a href="https://kids.britannica.com/Alexander-Fleming">https://kids.britannica.com/Alexander-Fleming</a> .  Rachel Croft (A Scientists Just Like Me series) works with companies to help solve problems and test new medicines by performing experiments in the lab. <a href="#">Biomedical Scientist - Rachael Croft.pdf (pstt.org.uk)</a>
Forces Yr 5 unit	<b>Sir Isaac Newton</b>  <b>Leonardo da Vinci</b> 	(1643-1727) studied Science and philosophy at the University of Cambridge. Among other things he discovered when light travels through a prism it is refracted and this proves that white light is made up of the colours of the rainbow. Known for Laws of gravity. <a href="https://kids.britannica.com/kids/article/Isaac-Newton/353532">https://kids.britannica.com/kids/article/Isaac-Newton/353532</a>  Leonardo was known as an expert scientist, inventor, engineer, architect, writer, sculptor and painter. His most famous painting, The Mona Lisa, is thought to be the best known and most visited work of art in the world. <a href="#">Science KS2: Discovering the work of Leonardo da Vinci - BBC Teach</a>
Evolution and inheritance (Yr6)	<b>Charles Darwin</b> 	(1809-1882) was an English scientist best known for his theory of evolution. He was a geologist who travelled across the world in 1831 on the HMS Beagle. He studied many animals and plants on his travels and came up with the idea of natural selection (the strongest survive and evolve). His book ‘On the Origin of Species’ was very controversial at the time because it went against the creation story in the Bible. <a href="https://kids.kiddle.co/Charles_Darwin">https://kids.kiddle.co/Charles_Darwin</a>
Electricity (Yr6)	<b>Nikola Tesla</b> 	(1856-1943) was a Serbian-American electrical and mechanical engineer. He was a prolific inventor and engineer who made big strides in the areas of electricity, radio and X-rays. Without Tesla’s development of a type of electrical circuit (AC) we would not have electric lights in our homes. <a href="https://kids.britannica.com/kids/article/Nikola-Tesla/608482">https://kids.britannica.com/kids/article/Nikola-Tesla/608482</a>
Living things and their habitats Yr5)	<b>David Attenborough</b> 	David is a wildlife film-maker and naturalist who has written and presented many popular documentaries about animals and their behaviour. He has been on TV for over 60 years and is recognised all over the world. <a href="https://kids.britannica.com/kids/article/David-Attenborough/633494">https://kids.britannica.com/kids/article/David-Attenborough/633494</a>