


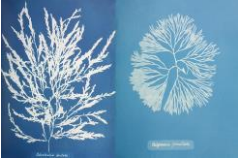






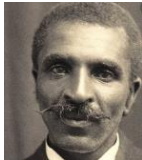


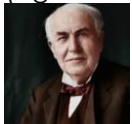
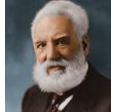








Significant scientists in the science curriculum.

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
One	Animals including humans (our body and senses)	Seasonal changes	Plants		Everyday materials	
	<p>Chris Packham (Animal Conservationist)</p> <p>Steve Backshall (British Naturalist and Explorer)</p> <p>Dr Mary Daly (First African American to study the effects of sugar)</p> 	<p>Dr Steve Lyons (Extreme Weather)</p> <p>Holly Green (Meteorologist)</p> <p>June Bacon-Bercey (Meteorologist)</p> 	<p>Anna Atkins (Plant biologist and photographer)</p>   <p>Beatrix Potter (Author & Botanist)</p>	<p>William Addis (Toothbrush Inventor)</p> <p>Charles Mackintosh (Waterproof coat)</p> <p>Stephanie Kwolek – (Inventor of Kevlar - a fabric material that is stronger than steel)</p> 		
Two	Animals including Humans	Living things and their habitats	Plants		Uses of everyday materials	
	<p>Rachel Carson- (Marine Pollution)</p>  <p>Liz Bonnin (Conservationist)</p>	<p>Florence Nightingale (Pioneer of modern nursing in GB)</p> <p>Elizabeth Garrett Anderson (First British female physician and surgeon)</p> <p>Steve Irwin (Wildlife expert)</p>	<p>Captain Cook (Botanist)</p> <p>Agnes Arber (Botanist)</p> <p>Alan Titchmarsh – (Botanist & Gardener)</p> 	<p>Charles Macintosh (Waterproof material)</p> <p>John MacAdam (Tarmac)</p> <p>Ian Dunlop (Tyres)</p> 		
Three	Rocks	Light	Plants		Animals including Humans	Forces and magnets

	<p>Mary Anning (Fossil hunter)</p> <p>Alfred Wegener (Plate Tectonics)</p> <p>Dr Anjana Khatwa (Geologist)</p>   <p>Inge Lehmann (Earth's Mantle)</p> <p>Katia Krafft (Geologist and Volcanologist)</p>	<p>Justus Von Liebig (Mirrors)</p> <p>James Clerk Maxwell (Visible and Invisible Waves of Light)</p>	<p>Joseph Banks (Botanist)</p> <p>George Washington Carver (Botanist and Inventor)</p> 	<p>Marie Curie- (Radiation)</p>  <p>Wilhelm Rontgen (X rays)</p> <p>Adelle Davis (Nutritionist)</p>	<p>Andre Marie Ampere- (Electro-magnetism)</p> <p>The Wright Brothers (Airplanes)</p> <p>Henry Ford (Cars)</p> 
Four	Electricity (linked to magnets)	Sound	States of Matter	Animals including Humans	Living things and their habitats
	<p>Michael Faraday (Discovered relationship between magnets and electricity)</p> <p>Thomas Edison (Lightbulb)</p>  <p>Joseph Swan (Incandescent Light Bulb)</p>	<p>Alexander Graham Bell (Invented the telephone)</p>  <p>Aristotle (Sound waves)</p> <p>Gailileo Galilei – (Frequency and Pitch of Sound Waves)</p>	<p>Joseph Priestly (Discovered oxygen)</p> <p>Lord Kelvin (Absolute zero temperature)</p> <p>Anders Celsius (Temperature Scale)</p> <p>Daniel Fahrenheit (Temperature Scale / Invention of the Thermometer)</p>	<p>Joseph Lister (Antiseptic)</p> <p>Ivan Pavlov- (Digestive System Mechanisms)</p> <p>Washington & Lucius Sheffield- (Toothpaste in a tube)</p>	<p>Jacques Cousteau (Marine Biology)</p> <p>Cindy Looy (Environmental Change and Extinction)</p>  <p>Joan Beauchamp Procter (Zoologist)</p>
Five	Properties and changes of materials	Earth and Space	Living things and their habitats	Forces	Animals including Humans

	<p>Sir Humphrey Davy (Separating gases)</p> <p>Jamie Garcia (BP website)- (Invention of a new plastic)</p> <p>Becky Schroeder (fluorescence material)</p>  <p>Spencer Silver, Arthur Fry and Alan Amron (Post-It Notes)</p> <p>Ruth Benerito (Wrinkle-Free Cotton)</p>	 <p>Margaret Hamilton Computer scientist (Moon Landings)</p> <p>Stephen Hawkin (Black Holes)</p> <p>Mae Jemison (Astronaut)</p>  <p>C.Ptolemy and N. Neil Armstrong- (First man on the Moon)</p> <p>Helen Sharman- (GB astronaut)</p>	<p>Jane Goodall (naturalist)</p> <p>Sylvia Earle (Marine biologist)</p> <p>Dr. Paula Kahumbu (Wildlife conservationist)</p> <p>Mangala Mani (Antarctic scientist)</p> <p>Sir David Attenborough (Animal Behaviourist)</p> 	<p>Isaac Newton (Gravity)</p> <p>Albert Einstein (The Theory Of relativity)</p> <p>Galileo Galilei (Gravity and Acceleration)</p>  <p>Archimedes of Syracuse- (Levers)</p>	<p>Alexander Fleming (Penicillin)</p> <p>Louis Pasteur (Vaccination)</p> <p>Eva Crane (Reproduction in Bees)</p> <p>Virginia Apgar (obstetrical anaesthesiologist)</p>
Six	Light	Living things and their habitats	Evolution and Inheritance	Electricity	Animals including Humans

Thomas Edison
(Invented electric light bulb)

Patricia Bath
(BP
website)saving
sight



Thomas Young
(Wave Theory
of Light)

Ibn al-Haytham
(Light and our Eyes)

Percy Shaw
(The Cats Eye)



**Alfred Russell
Wallace**
(naturalist)



Rosalind Franklin
(DNA)

Nettie Stevens
(Geneticist)

**Professor Alice
Roberts**
(Evolutionary
biologist)

Carl Linneus
(Classification)

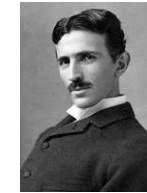


Libby Hyman
(Classification
Invertebrates)

Hippocrates
(The Father of Medicine)

Charles Darwin
(Evolution)

**Nicola
Telsa**
(AC
electric
system)



Alessandro Volta
(Electrical Battery)

Edith Clarke
(Electrical engineer)



**Leonardo
Da Vinci**
(Anatomy))



**Dr.
Katherine
Dibb** (Expert in
Cardiovascular
Sciences)

Justus von Liebig
(Theories of Nutrition
and Metabolism)

Sir Richard Doll
(Linking Smoking
and Health
Problems)