


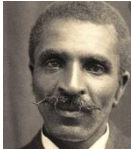
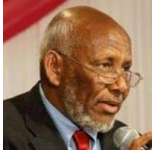




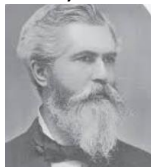











Significant Scientists studied Overview

Year group	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	
	Chris Packham (Animal Conservationist) Dr Mary Daly – First African American to study the effects of sugar.	Dr Steve Lyons (Extreme Weather) Holly Green (Meteorologist)	Beatrix Potter (Author & Botanist) 		William Addis (Toothbrush Inventor) Charles Mackintosh (Waterproof coat) Stephanie Kwolek – Inventor of Kevlar (a fabric material that is stronger than steel)	
Two	Uses of everyday materials		Plants		Living things and their habitats	Animals including Humans
	Charles Macintosh -(Waterproof material)  John MacAdam - (Tarmac)		Captain Cook -(Botanist) Agnes Arber (Botanist) Alan Titchmarsh – (Botanist & Gardener) George Washington Carver – (Botanist and Inventor)		Rachel Carson -  (Marine Pollution)	Florence Nightingale (Pioneer of modern nursing in GB) Elizabeth Garrett Anderson – (First British female)

	Ian Dunlop – (Tyres)				Liz Bonnin (Conservationist) Steve Irwin – (Wildlife expert) Robert Winston (Human Scientist)
Three	Rocks	Light	Plants		Animals including Humans
	Mary Anning- (Fossil hunter) Alfred Wegener – (Plate Tectonics) Dr Anjana Khatwa (Geologist) Inge Lehrmasn –(Earth’s Mantle) Katia Krafft – (Geologist and Volcanologist)	Justus Von Liebig (Mirrors) James Clerk Maxwell (Visible and Invisible Waves of Light)	Joseph Banks- (Botanist) Ahmed Mumin Warfa – (Botanist)  George Washington Carver- (Botanist and Inventor)		Marie Curie- (Radiation)  Wilhelm Rontgen – (X rays) Adelle Davis – (Nutritionist)
Four	Electricity (linked to magnets)	Sound	States of Matter	Animals including Humans	Living things and their habitats
					Andre Marie Ampere- (Electro-magnetism) The Wright Brothers (Airplanes) Henry Ford- (Cars) 

Five	Michael Faraday- (Discovered relationship between magnets and electricity) Thomas Edison- (Lightbulb)  Joseph Swan- (Incandescent Light Bulb)		Alexander Graham Bell (Invented the telephone)  Aristotle - Sound (Waves) Gailileo Galilei – (Frequency and Pitch of Sound Waves)	Joseph Priestly (Discovered oxygen) Lord Kelvin (Absolute zero temperature) Anders Celsius (Temperature Scale) Daniel Fahrenheit (Temperature Scale / Invention of the Thermometer) George Washingt on Carver- (chemist)	Joseph Lister (Antiseptic) Ivan Pavlov- (Digestive System Mechanisms) Washington & Lucius Sheffield- (Toothpaste in a tube) 	Jacques Cousteau – (Marine Biology) Cindy Looy- (Environmental Change and Extinction)  Joan Beauchamp Procter (Zoologist)
	Living things and their habitats		Animals including Humans	Properties and changes of materials		Forces
	Sir Humphrey Davy (Separating gases)	Alexander Fleming (Penicillin) Louis Pasteur- (Vaccination)	Jane Goodall- (naturalist) Sylvia Earle – (Marine biologist) Dr. Paula Kahumbu- (wildlife conservationist)		Isaac Newton (Gravity) Albert Einstein- (The Theory Of relativity)	Margaret Hamilton Computer scientist (Moon Landings)

	<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>Eva Crane –(Reproduction in Bees)</p> <p>Virginia Apgar- (obstetrical anaesthesiologist)</p>	<p>Mangala Mani – (Antarctic scientist)</p>  <p>Sir David Attenborough- (Animal Behaviourist)</p>	<p>Galileo Galilei – (Gravity and Acceleration)</p>  <p>Archimedes of Syracuse- (Levers)</p>	 <p>Stephen Hawking (Black Holes)</p> <p>Mae Jemison (Astronaut)</p> <p>Claudius Ptolemy and Nicolaus Copernicus – (Heliocentric vs Geocentric Universe)</p> <p>Neil Armstrong- (First man on the Moon)</p> <p>Helen Sharman- (GB astronaut)</p> <p><i>Caroline Herschel- (First to find a comet)</i></p> <p>Valentina Tereshkova- (Cosmonaut)</p>
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six	Light	Electricity	Living things and their habitats	Animals including Humans	Evolution and Inheritance
	<p>Thomas Edison –(Invented electric light bulb)</p> <p>Patricia Bath (BP website)- saving sight</p> <p>Thomas Young (Wave Theory of Light)</p> <p>Ibn al-Haytham –(Light and our Eyes)</p> <p>Percy Shaw – (The Cats Eye)</p>	<p>Nikola Telsa (-AC electric system)</p> <p>Alessandro Volta- (Electrical Battery)</p> <p>Nicola Tesla- (Alternating Currents)</p> <p>Edith Clarke –(Electrical engineer)</p>	<p>Carl Linneus (Classification)</p>  <p>Libby Hyman (Classification Invertebrates)</p>	<p>Leonardo Da Vinci- (anatomy)</p> <p>Santorio Santorio- (Anatomist)</p>  <p>Dr. Katherine Dibb – (Expert in Cardiovascular Sciences)</p> <p>Justus von Liebig- (Theories of Nutrition and Metabolism)</p> <p>Sir Richard Doll- (Linking Smoking and Health Problems)</p>	<p>Hippocrates -The Father of Medicine</p> <p>Charles Darwin- Evolution</p> <p>Alfred Russell Wallace – naturalist</p>  <p>Rosalind Franklin – DNA</p> <p>Nettie Stevens – Geneticist</p> <p>Professor Alice Roberts - Evolutionary biologist</p>