



Science Long Term Plan 2022-2023

Year Group	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
EYFS	Autumn Changes and Decay Experimentation - Spells and Potion	Hibernation- Winter Changes	Similarities and differences in materials (Biscuit experiment)	Chick Life Cycles Spring Kate Humble	My Body Parts of the Human Body Keeping Healthy and Importance of exercise Neil Armstrong	What do plants need to grow? How are they similar or different Minibeasts: Lifecycle of a butterfly Beatrix Potter
Year 1	Our bodies (2 weeks) Florence Nightingale - British Nurse	Seasonal changes (1 week) Michael Fish- weather forecaster	Materials (2 weeks) John Boyd Dunlop - inventor of inflatable rubber tyres	Seasonal changes (1 week) Benjamin Franklin- inventor	Animals including humans (2 weeks) Roger Arliner Young- first African-American woman to receive a doctorate in zoology	Plants (2 weeks) David Bellamy- botanist Seasonal changes (1 week)
Year 2	Animals including humans (basic needs and offspring) <i>Elizabeth Garret-Anderson</i>	Living things and their habitats (macro-habitats and food chains) <i>Rachel Carson</i>	Uses of everyday materials <i>Charles McIntosh</i>	Animals including humans (exercise, food and hygiene) <i>Louis Pasteur</i>	Living things and their habitats (plants and animals in local micro-habitats) <i>Jane Colden</i>	Plants <i>Tim Smit</i>
Year 3	The skeleton (Dorothy Hodgkin- chemist)	Light (Thomas Edison- inventor)	Forces and magnets (Isaac Newton)	Nutrition (Elsie Widdowson- nutritionist)	Rocks and soils (Mary Anning- palaeontologist)	Plants (Janaki Ammal- female Indian Botanist who worked on plant breeding)
Year 4	Digestion - William Beaumont	Teeth - Pierre Fauchard	Sound- Alexander Graham Bell	States of Matter- Ernest Rutherford	Electricity- Michael Faraday	Living things and their habitats- Diane Fossey Pond dipping?
Year 5	Materials Spencer Silver- Inventor of post-it notes	Space Mary Somerville- astronomer +Mae C Jemison	Forces Emma England	Lifecycles Terri Irwin- Female zoologist	Reproduction of plants and animals Agnes Arber- Female botanist	Puberty and Gestation Changes from birth to old age Sir David Attenborough - Naturalist
Year 6	Evolution and Inheritance Charles Darwin	Light and the eye Alhazen- pioneer of modern optics	Animals including Humans (Blood and heart) William Harvey- Physician	Living things and their habitats Carl Linnaeus- classifying and naming organisms	Electricity Grace Hopper- American computer programmer	Working scientifically Nicolas Tesla- electrical engineer

