

Y	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	EL: Why Do We Play With Different Toys As We Grow Older? Body parts, growing, investigation using senses	EL: Van Gogh's Starry Night Seasonal Changes, weather	EL: What Can We Learn About Our World from Stories? Sorting/mixing/changing materials, making shadows	EL: Hello, I'm New Here! Plants, growing, parts of a plant/flower, what do plants need?	EL: Why Is Water Precious? Pond life, lifecycles, (rivers?)	EL: Where Could We Go For A Great Day Out? animal categories (London zoo?)
2	EL: Party Planners – Can Party Food Be Healthy? Everyday materials Healthy eating/ exercise	EL: Biography in a bag: Charles Macintosh or John McAdam	EL: Where do Bong Trees grow? Identifying common plants & trees	EL: What is the best way for Mrs Armitage to travel? Investigating materials Best materials for wheels Waterproof materials	EL: What Makes us Like Animals? Living/non living Animal Families/Habitats/ humans	EL: How Did Families Have Fun In The Past? The Seaside Seasonal Changes: summer
3	EL: Bright Sparks Electricity, magnets	EL: Who were the greatest builders in the world? Plants, testing bricks, Forces: levers, pulleys, friction	EL: Would you like to visit Guatemala? Forces: pushes, pulls, magnets, friction, air resistance, using force meters	EL: Games Biography-in-a-Bag: John Boyd Dunlop: inventor of pneumatic tyres: materials/forces	EL: Are Bugs Important? Animals, habitats, life cycles, food chains, plant growth, seed dispersal, using keys	EL: How Can We Make Living Here Better For Everyone? Investigating rocks & soils properties of materials, water cycle
4	EL: Should We Stop Eating Chocolate? Food values, sugar, temperature, heating/ burning, fuel/energy, Solids, liquids, gases/Changing state	EL: Why Do We Speak English At School? Biography In A Bag Goodall? Attenborough? Silver?	EL: From A Railway Carriage Science focus: sound, pitch, vibrations, volume	EL: What Happens Inside Us? Organs, skin, skeleton, muscles, digestive system, teeth, heart, pulse	EL: How Do I Hear? How Do I See? Revise sound, pitch, vibrations, volume light, shadows, reflection	EL: European Regional Study Organs, skin, skeleton, muscles, digestive system, teeth, heart, pulse
5	EL: Materials Academy Changing materials	EL: Castles – why would someone build a castle here? Forces: catapults, levers	EL: The Fairground Electricity – in detail, revise: forces, Light, & Sound	EL: Highwayman Biography-in-a-Bag: Newton: gravitational forces	EL: Do we make the most of what's right on our doorstep? <i>Plant classification, growing, Life cycle, Parts of a plant and functions, Food chains, Pond visit</i>	EL: Who are we? Why do I live here? Fossils and the Great Lakes Rocks, soils, water cycle
6	EL: What's Out There? Earth and Space (Alhazan, Ptolomy, Copernicus) Let's Go Round Again: teeth, digestion, human circulation, diet, exercise, drugs, nutrients, water	EL: Let's Go Round Again: Microbes	EL: Why Do Some Creatures No Longer Exist? Adaptation, Darwin, Linnaeus, extinction Let's Go Round Again: Forces	EL: Let's Go Round Again: Lifecycles/revision	EL: Revision/practice tests/ assessments	EL: Biography in a bag: 7431Mary Anning (fossils)

If EL is science led: use designated science lessons and topic time to ensure comprehensive coverage

If no science content in EL unit: use the Biography-in-a-Bag EL materials to focus on one of the scientists listed in the new curriculum during designated science lessons.