Year group	Autumn		Spring 1	Spring 2	Summer 1	Summer 2
3	**Scientific Enquiry Lessons** cover scientific skills children will need to apply during each unit in Key Stage 2. Solar Energy: 1.Questions and predictions 2.Recording and presenting results	Rocks (Simple properties, fossils, soils) *What do we know about rocks?*	Forces & magnets (Friction - how things move on different surfaces) *What is friction?*	Light (Dark is the absence of light, size of shadows) *Why is light important to Earth?*	Animals including humans (Skeltons) *What is the point of having a skeleton?*	Plants (Functions of parts and life cycles) *Why are plants important to the world?*
4	**Scientific Enquiry Lessons** cover scientific skills children will need to apply during each unit in Key Stage 2. Solar Energy: 1.Questions and predictions 2.Recording and presenting results	Living things and their habitats (Grouping and simple classifying/changes to habitats can pose dangers) *What should a good habitat provide?*	Electricity (Simple circuit, switches, conductors and insulators) *Has electricity impacted our world positively?*	States of matter (Solids, liquids, gases, heating and cooling, water cycle) *How do particles behave?*	Sound (Fainter sounds further away, vibrations, pitch and volume) *How can sound change?*	Animals including humans (Teeth, eating and digestion) *What do our bodies do with the food we eat?*

5	**Scientific Enquiry Lessons** cover scientific skills children will need to apply during each unit in Key Stage 2. Solar Energy: 1.Questions and predictions 2.Recording and presenting results	Earth & Space (Planets and day/night) *How and why have scientific theories about our universe changed?*	Living things and their habitats (Life cycles, reproduction) *Do all life cycles look the same?*	Forces (Gravity, friction, air-resistance, levers,pulleys and gears) *How do things move?*	Materials (Thermal and electrical conductivity, mixing and separating reversible and irreversible) *How can changes result in new materials?*	Animals including humans (Changes in humans as they grow) *Why and how do our bodies change at different times in our lives?*
6	**Scientific Enquiry Lessons** cover scientific skills children will need to apply during each unit in Key Stage 2. Solar Energy: 1.Questions and predictions 2.Recording and presenting results	Electricity (What affects bulb brightness, buzzer volume, voltage, symbols) *How can we vary the effects of electricity?*	Evolution & inheritance (More about fossils,variation, adaptation) *Why is it important for living things to adapt over time?*	Light (Travels in straight lines, how we see things) *How do we see things around us?*	Animals including humans (Circulatory system, functions of heart, blood vessels and blood, health, water transport	Living Things & Their Habitats (Classifying including microorganisms) *What are the*

					in animals) *How does the heart work?*	*different types of microorganisms?*

Links:

Year 3

Rocks (Larger theme 'Stone Age to Iron Robots' and History)

Forces and Magnets (Steps to Read - Autumn and DT - levers)

Animals Including Humans (DT - Healthy and varied diet)

Year 4

Living Things and Their Habitats (Larger theme 'Animals and Habitats' and Steps to Read)

States of Matter (Taught before the Water Cycle in Summer Term)

Year 5

Earth and Space - (Steps to Read, Ogden Trust and World Space Week)

Living Things (Geography: Climate Change)

Forces (larger theme 'Inventing and Adventuring')

Materials (STEM - Computing and Transformations - R.E)

Year 6

Electricity - (Ogden Trust, WW2 - electricity was relied on as electronics like radar played and important part in the war)

Evolution and Inheritance (larger theme - Changes Over Time), Animals Including Humans (RSHE, R.E and transition tasks)