



Long term science mapping 2019 -2020

Yr	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
3	ROCKS Classification of rock types Fossils.	SIMPLE FORCES Push and Pull Magnetism.	LIGHT AND SHADOWS Sources of light, Shadows and reflections.	ANIMALS Nutrition Skeleton and muscle structure.	PLANTS Parts of a plant Functions of parts Requirements for life and growth Investigate water transportation Role of flowering plants - pollination	PLANTS Parts of a plant Functions of parts Requirements for life and growth Investigate water transportation Role of flowering plants – pollination.
4	Electricity Electrical appliances and sources. Circuits and conductors.	Sound How sounds are made and travel.	States of matter Changing state through heating and cooling. Solids, liquids and gases.	States of matter Changing state through heating and cooling. Solids, liquids and gases.	Living things and their habitats Food chains and the effect of environmental change.	Animals, including humans How food is broken down by the teeth and further in the stomach and intestines where nutrients go into the blood.
5	Classifying materials Compare and group. Conductivity and magnetism.	Changing materials Use knowledge of solids, liquids and gases to decide how mixtures might be separated.	Earth in Space Describe the movement of the Earth, and other planets, relative to the Sun in the solar system Describe the movement of the Moon relative to the Earth	Forces Explain and identify gravity, air resistance, water resistance and friction.	Lifecycles Describe the changes as humans develop to old age. Recognise differences in life cycles.	Lifecycles Describe the life process of reproduction in some plants and animals
6	Evolution Understand how living things change over time and how fossils provide information about living things that inhabited the Earth millions of years ago.	Evolution Understand adaptation and genetics.	Animals including humans Identify and name the main parts of the human circulatory system and describe the functions	Living Things and their Habitats Classification	Light Understand light sources and how it travels. Shadows.	Electricity Compare and give reasons for variations in how components function.