

SNAINTON CE VC PRIMARY SCHOOL LONG TERM SCIENCE PLAN KS2

	YEAR 1 2014-2015	YEAR 2 2015-2016	YEAR 3 2016-2017	YEAR 4 2017-2018
AUTUMN 1	THEME SUPERPOWER] FORCES AND ELECTRICITY explain gravity, air resistance, water resistance, friction, how force is transferred through gears, levers, pulleys, springs	THEME Patterns Working scientifically- investigating patterns in science e.g molecules	THEME Rainforest Rescue South America identify, classify into groups (e.g. fish, amphibians, reptiles, birds, mammals) describe life cycles, birth, growth, development, reproduction,	THEME Signs and Symbols Using symbols in science e.g. electrical circuits Weather symbols
AUTUMN 2	THEME Kings and Queens Everyday materials give reasons, based on evidence, for the uses of materials compare and group based on evidence of properties - conductivity, hardness, solubility	THEME British Theatre Light sources and sound Shadows vibrations, sources of sounds find patterns in changing pitch predict size and shape of shadows when position changes	THEME Farming KS1/2 Plants Food Health	THEME Space KS1/2 Earth and Space use Earth's rotation to describe day and night, describe Earth's orbit in relation to the Sun describe the Moon's orbit

SPRING 1	<p>THEME Animals Living Things identify, classify into groups (e.g. fish, amphibians, reptiles, birds, mammals) then give reasons why describe life cycles, birth, growth, development, reproduction, death</p>	<p>THEME Medicine Plants</p>	<p>THEME Buildings KS1/2 EVERYDAY MATERIALS give reasons, based on evidence, for the uses of materials compare and group based on evidence of properties - conductivity, hardness, solubility</p>	<p>THEME Inventions Railways Forces explain gravity, air resistance, water resistance, friction, how force is transferred through gears, levels, pulleys, springs</p>
SPRING 2	<p>THEME Animals Living Things Humans body parts, digestive system, types of teeth describe life cycles, circulatory system, function of heart, blood vessels and blood</p>	<p>THEME Italy</p>	<p>THEME Disaster Earthquakes compare and group rocks, properties & formation, fossils</p>	<p>THEME The Toy Box KS1 Materials give reasons, based on evidence, for the uses of materials compare and group based on evidence of properties -</p>

	describe changes in humans through the life cycle, recognise the impact of diet, exercise, drugs and lifestyle			conductivity, hardness, solubility
SUMMER 1	THEME Settlements Stone Age compare and group rocks, properties & formation, fossils Evolution Adaptation	THEME Olympics Forces Observe movement - rolling, falling, flying, walking, running, use words like faster and slower	THEME Ancient Egypt KS2 Forces	THEME Conservation Environment
SUMMER 2	THEME Settlements Vikings offspring, basic needs for survival Exercise, healthy eating and hygiene	THEME Smugglers and the sea Earth and space Fossils/rocks	THEME Have you got your passport? Journey of the sun Be aware of seasons	THEME Dinosaur island KS1/2