



Science Curriculum Map



Theme	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Conservation	What On Earth? Living things - observe animals and plants	Light Up The World	Going Wild Animals including humans: offspring, basic needs and a healthy lifestyle Living things and their habitats: habitats and food chains	Picture Our Planet Plants: identify structure and function, difference in growth needs between plants, water transport, flowering plants	Under The Canopy Living things and their habitats: grouping, classification keys, dangers within environments Sound: sources vibrations, pitch, volume	Global Warning Properties and changes of materials: dissolving, mixtures, reversible and irreversible changes	Full of Beans Electricity: represent symbols in a simple circuit, volume of buzzers, brightness of lights
Culture	Come Fly With Me: Asia	Come Fly With Me: Arctic Circle Materials: name, compare, describe materials Seasonal changes: four seasons, day lengths	Zero To Hero Use of everyday materials: identify and compare materials, practise changing some materials' shapes	Come Fly With Me: Africa Animals including humans: nutrition from what we eat, skeleton and muscles Rocks: types of rocks, fossils, soils	A Cry For Freedom	Come Fly With Me: America Living things and their habitats: life cycles, reproduction Animals including humans: changes in humans to old age	I Have A Dream Living things and their habitats: classification Animals including humans: circulatory system, lifestyle, nutrients and water transport
Conflict	Help Is At Hand	Unity In The Community Plants: name a variety of plants and their structure	Land Ahoy Plants: plant growth	Law And Order	Athens Vs. Sparta Animals including humans: digestive system, teeth, food chains States of matter: solids, liquids and gases, heating and cooling, evaporation and condensation	You're Not Invited	Wars Of The World Light: how light travels, how we see, shadows



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Communication	Happy To Be Me Make observations of animals - how they use their paws/noses etc	Happily Ever After Animals including humans: common animals and their diets	Inter-nation Media Station	Lightning Speed Forces and magnets: movement between two objects, magnetism Light: reflection, shadow formation/changes, the sun	That's All Folks Electricity: make simple series circuits, conductors and insulators, switches	Mission control Earth and space: sun, moon, earth and solar system) Forces: air resistance, water resistance, friction, gravity, levers and pulleys	A World of Bright Ideas Evolution and inheritance: adaptation, genetic differences, changes in fossils over time
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