



Science

Subject Headlines



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Seasonal Changes Observing changes across all four seasons	Everyday Materials Compare simple properties of materials	Animals Including Humans The Human Body- name, draw, label it	Animals Identify/name common animals fish, amphibians, reptiles, birds and mammals	Plants Identify/name common wild & garden plants, deciduous and evergreen trees	Revision and Expansion Bees, butterflies and beetles – Our amazing pollinators Science Week
Year 2	Living Things and their Habitats Identify and name plants and animals in their habitats	Living Things and their Habitats Compare differences between things that are living, dead, and things that have never been alive	Use of Everyday Materials Identify suitability of everyday materials: wood, metal, plastic, glass, brick, rock, paper, cardboard	Plants Observe & describe how seeds and bulbs grow into mature plants, what they need to grow	Humans Importance for humans of exercise, food, hygiene	Revision and Expansion Sustainable food & Farming – Where does our food come from? Science Week
Year 3	Light Light and shadow exploration	Animals including Humans Human nutrition, the skeleton, muscles and movement	Rocks Compare and group rocks, fossils	Forces and Magnets Observe how magnets attract or repel each other, magnetic poles	Plants Functions of different parts of flowering plants: roots, stem/trunk, leaves, flowers, seed dispersal	Revision and Expansion Climate change: melting icecaps and Greenhouse gases Science Week
Year 4	Electricity Construct simple circuits, naming basic parts, conductors insulators	Sound Sounds and vibrations from sounds travel through a medium to the ear	States of matter Compare and group materials: solids, liquids or gases, changes of state	Living things and their habitats Classification keys to help group, identify and name living things	Animals including Humans Simple functions of the digestive system in humans, investigate teeth	Revision and Expansion Blue Planet: helping to save the ocean and understanding our impact on it.
Year 5	Forces Gravity, effects of air resistance, water resistance and friction, levers, pulleys and gears	Earth and Space Movement of the Earth, and other planets, relative to the Sun in the solar system, explain day and night	Properties and their changes Compare/group materials on basis of properties e.g. hardness, solubility, transparency	Living things and their habitats Describe differences in the life cycles of a mammal, an amphibian, an insect and a bird	Animals including Humans Describe changes as humans develop to old age	Revision and Expansion The importance of Biodiversity. Science Week

Year 6	Living things and their habitats Classify living things including micro-organisms, plants and animals	Electricity Investigate effects of number and voltage of cells used in circuits, learn symbols	Animals, including humans Human circulatory system, functions of heart, blood vessels and blood. Diet and lifestyle	Evolution and inheritance Fossils, plant and animal adaptation	Light and Shadow Learn about how light travels in straight lines, investigate light sources	Revision and Expansion Ethnic Minority and Women Scientists of the 21st Century Science Week
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