

Working Scientifically

- ask simple questions and recognise that they can be answered in different ways
- observe closely, using simple equipment
- perform simple tests
- identify and classify
- use their observations and ideas to suggest answers to questions
- gather and record data to help in answering questions

Vocabulary: explore, questions, identify, change, patterns, equipment, measure, data, test, record, scientific language, grouping, sorting, collecting, observation, magnifying lens, binoculars, timers, visualiser

Seasonal Changes

- observe changes across the four seasons
- observe and describe weather associated with the senses and how day length varies

Vocabulary: spring, summer, autumn, winter, seasons, weather, change, sun, wind, rain, snow, fog, mist, ice, sleet, hail, storm, cloudy, sunshine, shadows, puddles

evaporation, condensation

Plants

- identify and name variety of wild and garden plants, including deciduous and evergreen trees
- identify and describe the basic structure of a variety of common flowering plants, including trees

Vocabulary: deciduous, evergreen, trees, leaves, flowers, blossom, petals, fruit, roots, bulb, seed, trunk, branches, stem

Y1 Science

Everyday Materials

- distinguish between an object and the material it is made from
- identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
- describe the simple physical properties of a variety of everyday materials
- compare and group together a variety of everyday materials on the basis of their simple physical properties

Vocabulary: object, material, wood, plastic, glass, metal, water, rock, properties: hard/soft, stretchy/stiff, shiny/dull, rough/smooth, bendy/not bendy, waterproof/not waterproof, absorbent/not absorbent, opaque/transparent, paper, fabric, elastic, foil

Animals

- identify and name variety of common animals, including fish, amphibians, reptiles, birds and mammals
- identify and name a variety of common animals that are carnivores, herbivores and omnivores
- describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)
- identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense

Vocabulary: fish, amphibian, reptile, bird, mammal, pet, carnivore, herbivore, omnivore, head, neck, arms, elbows, legs, knee, face, ears, eyes, hair, mouth, teeth, sight, hearing, smell, taste, touch, sound, texture