

Science Vocabulary



YEAR 1 & 2

Animals including Humans

Year 1

wood metal plastic glass brick rock paper cardboard spoons plastic John Dunlop rubber Charles Macintosh waterproof fabric John McAdam macadamisation metal coins cans cars table legs wood matches floors telegraph poles wood, metal but not glass squashing bending twisting stretching

Year 2

offspring grow adults egg caterpillar pupa butterfly spaw tadpole frog lamb sheep baby toddler child teenager adult survival water food air exercise hygiene nutrition reproduce egg chick chicken

Living Things and Habitats

Year 1 (Seasonal Change)

season summer winter autumn spring day daytime weather wind rain snow hail sleet fog sun hot warm cold

Year 2

living dead never alive habitats micro-habitats food food chain sun grass cow human alive healthy logs leaf litter stony path under bushes shelter seashore woodland ocean rainforest conditions hot/warm/cold dry/damp/wet bright/shade/dark

Plants

Year 1

common wild plants garden plants deciduous evergreen plant leaf root leaves bud flowers blossom petals root stem tree deciduous evergreen trunk branches leaf root fruit vegetables bulb seed

Year 2

common wild plants garden plants deciduous evergreen plant leaf root leaves bud flowers blossom petals root stem tree deciduous evergreen trunk branches leaf root fruit vegetables bulb seed water light suitable temperature germination reproduction grow

Everyday Materials

Year 1

season summer winter autumn spring day daytime weather wind rain snow hail sleet fog sun hot warm cold

Year 2



Science Vocabulary



wood metal plastic glass brick rock paper cardboard spoons plastic John Dunlop rubber Charles Macintosh
waterproof fabric John McAdam macadamisation metal coins cans cars table legs wood matches floors
telegraph poles wood, metal but not glass squashing bending twisting stretching

Science Vocabulary



YEAR 3

Animals including Humans

nutrition nutrients carbohydrates protein fats fibre water vitamins minerals skeleton bones joints endoskeleton exoskeleton hydrostatic skeleton vertebrate invertebrate contract relax muscles ball joint socket joint hinge joint gliding joint

Forces

force push pull open surface magnet magnetic attract repel magnetic poles North South

Light

light see dark reflect surface natural star Sun Moon shadow blocked solid artificial torch candle lamp sunlight dangerous protect eyes

Plants

common wild plants garden plants deciduous evergreen tree deciduous evergreen trunk branches leaf root plant leaf root leaves bud flowers blossom petals root stem fruit vegetables bulb seed

Rocks

appearance physical properties hard/soft shiny/dull rough/smooth absorbent/not absorbent fossils sedimentary rock soils organic matter buildings gravestones grains crystals

Science Vocabulary



YEAR 4

Animals including Humans

human digestive system digestion mouth tongue - mixes, moistens saliva oesophagus transports stomach acid enzymes small intestine - absorbs water vitamins large intestine - compacts colon teeth incisors - cutting, slicing canines - ripping, tearing molars - chewing, grinding floss brush food chain sun producers prey predators carnivore herbivore omnivore

Electricity

appliances electricity electrical circuit cell wire bulb buzzer danger electrical safety sign insulators wood rubber plastic glass conductors metal water switch open closed

Living Things and Habitats

environment flowering non-flowering plants animals vertebrate environment dangers! vertebrate fish amphibians reptiles birds mammals invertebrate snails slugs worms spiders insects plants flowering plants (including grasses) non-flowering (including mosses and ferns) human impact positive - nature reserves, ecologically planned parks, garden ponds negative - population, development, litter,

Sound

vibrate vibration vibrating air medium ear hear sound volume pitch faint fainter loud louder string percussion woodwind brass insulate

States of Matter

vibrate vibration vibrating air medium ear hear sound volume pitch faint fainter loud louder string percussion woodwind brass insulate

Science Vocabulary



YEAR 5

Animals including Humans

puberty life cycle gestation growth reproduce foetus baby fertilisation toddler child teenager adult old age life expectancy adolescence adulthood early adulthood middle adulthood late adulthood childhood

Earth and Space

Earth Sun Moon moons planets stars solar system Mercury Venus Mars Jupiter Saturn Uranus Neptune Pluto rotate day night Aristotle Ptolemy Galileo Copernicus Brahe Alhazen orbit axis spherical heliocentric geocentric hemisphere season tilt

Forces

gravity air resistance water resistance friction surface force effect move accelerate decelerate stop change direction brake mechanism pulley gear spring theory of gravitation Galileo Galilei Isaac Newton

Living Things and Habitats

life cycles mammal amphibian insect bird life process of reproduction plants animals vegetable garden flower boarder animal naturalists David Attenborough animal behaviourist Jane Goodall reproduction plants: sexual, asexual animals: sexual lifecycles around the world rainforest oceans desert prehistoric similarities differences

Properties of materials

properties hardness solubility transparency electrical conductor thermal conductor response to magnets dissolve solution separate separating solids liquids gases evaporating reversible changes dissolving mixing evaporation filtering sieving melting irreversible new material burning rusting magnetism electricity chemists Spencer Silver Ruth Benerito quantitative measurements conductivity insulation chemical

Science Vocabulary



YEAR 6

Evolution and Inheritance

evolution adaption inherited traits adaptive traits natural selection inheritance Charles Darwin Alfred Wallace DNA genes variation parent offspring fossil environment habitat fossilisation plants animals living things

Living Things and their habitats

classify compare Linnaean Carl Linnaeus classification domain kingdom phylum class order family genus species characteristics vertebrates invertebrates microorganisms organism flowering non-flowering

Animals including humans

internal organs heart lungs liver kidney brain skeletal skeleton muscle muscular digest digestion digestive circulatory system heart blood vessels blood impact diet exercise drugs lifestyle nutrients water damage drugs alcohol substances

Electricity

voltage brightness volume switches danger series circuit working safely with electricity electrical safety sign circuit diagram switch bulb buzzer motor recognised symbols

Light

light travels straight reflect reflection light source object shadows mirrors periscope rainbow filters

Science Vocabulary

