

YEAR 5 SCIENCE VOCABULARY

VOCABULARY FOR KEY STAGE 2

Planning Experimental Work	<ul style="list-style-type: none">• condition, variable, method, factor, vary
Obtaining Evidence	<ul style="list-style-type: none">• control, quantity, accurate, system• Measurement: angle, degree, volume, weight, Speed, rate, tenths, hundredths, millilitre• Equipment: protractor, digital balance, stopwatch, clinometer, newtonmeter, sensor, computer• Recording: line graph
Considering Evidence	<ul style="list-style-type: none">• Analyse, interpret, conclusion, generalisation, trend

EXTRA VOCABULARY FOR CHILDREN ACCESSING PROGRAMME OF STUDY AT KS3

Planning Experimental Work	<ul style="list-style-type: none">• Key factor, apparatus, technique
Obtaining Evidence	<ul style="list-style-type: none">• Evidence, reliable, range
Analysing Evidence and Drawing Conclusions	<ul style="list-style-type: none">• Qualitative, quantitative

TARGET 2: LIFE AND LIVING PROCESSES

VOCABULARY FOR KEY STAGE 2

Life Processes	<ul style="list-style-type: none"> Nutrition, movement, growth, reproduction, circulation, respiration system
Humans as Organisms Animals	<ul style="list-style-type: none"> Names of Parts: Internal structures - skeleton, bone, vertebra, pelvis, ribs, skull, etc. muscle, joint, heart, lung, vein, artery, capillary, blood, cells, stomach, organ Functions: support, digest, circulate, structure, protection Health: Tobacco, alcohol, drug, dependence, abuse, solvent, effect, survival Life Cycle: Adolescent, Characteristic Nutrition: energy, varied, function, dental care, balance, fibre, vitamin, nutritious Measurement: Pulse rate, breathing rate Names: Mammals, reptiles, amphibians, fish, bird, vertebrate, invertebrate, marsupials Habits: diurnal, nocturnal, life cycle, metamorphosis, incubate, migrate, hibernate
Green plants as organisms	<ul style="list-style-type: none"> Names of Parts: petal, anther, stamen, style, stigma, pollen, ovary Names of Plants: More plants in local habitats - wild - clover, speedwell, trefoil etc. common garden flowers Functions of parts: Transpiration, photosynthesis, anchorage, transport
Variation and Classification	Classify, key, identify, variation
Living things in their environment	<ul style="list-style-type: none"> General: inter-dependence, adapted, suitability, food chain, producer, consumer, ecosystem, relationship, fertiliser, competition, resources Animals and Plants: Names - of some present, key, variation, species Decay: microbes, waste disposal, sewage, by-product, mould

VOCABULARY FOR KEY STAGE 2

Grouping Materials	<ul style="list-style-type: none"> Names: gases, : oxygen, carbon dioxide, hydrogen, carbon monoxide, nitrous oxide, atmosphere Metals: iron, aluminium, gold, silver, copper, mercury, etc. Categories: solution, mixture, solvent Properties: solubility, thermal insulator, thermal conductor, permeability, crystalline, fragmental (rocks), electrical conductor Mineral, sandstone, limestone, granite, chalk,
Changing Materials	<ul style="list-style-type: none"> Reversible, irreversible, process, water cycle, influence, temperature, condense, evaporate
Separating mixtures of materials	<ul style="list-style-type: none"> Purify, sieve, evaporate, filter, distil, condense, particle, recover, insoluble

EXTRA VOCABULARY FOR CHILDREN ACCESSING PROGRAMME OF STUDY AT KS3

Classifying Materials	<p>Element, mixture, compound</p> <ul style="list-style-type: none"> Names of elements: non-metals, sulphur, carbon, oxygen, hydrogen, nitrogen Metals: copper, iron, aluminium, silver, gold, lead <p>Gas, particle, arrangement, atoms, molecules</p>
Changing Materials	<p>Solute, solvent, solubility, physical change, combustion, reaction, oxidation, oxide, corrosion, fuel, fossil fuel</p>
Changing Materials	<p>Weathering, expansion, contraction, rock cycle, sedimentary, igneous, metamorphic, mineral, formation, crystalline, fragmentary, granite, basalt, lava, marble, slate, sandstone, limestone, chalk, fossil</p>
Patterns of Behaviour	<p>Reactivity, pH, acid, alkali, neutral</p>

ATTAINMENT TARGET 4: PHYSICAL PROCESSES VOCABULARY FOR KEY STAGE 2

Electricity	<ul style="list-style-type: none"> • Device, circuit, diagram • Switches: dimmer, reed, control, vary • Circuits: series, current, voltage, resistance, diagram
Force	<ul style="list-style-type: none"> • Types: gravity, weight, upthrust, elasticity, friction, air resistance, springs, stretch, compress, check, repel, attract, attraction, repulsion • Measurement: Newton • Balanced and Unbalanced: Speed, arrow, accelerate
Light and Sound	<ul style="list-style-type: none"> • Reflection, scattered, straight lines, mirror, kaleidoscope, periscope, telescope, prisms, lenses, spectrum • Travel, vibrate, pitch, waves
The Earth and Beyond	<ul style="list-style-type: none"> • Orbit, Solar System, star, rotate, revolve, axis, sundial, year, month, spherical, position

EXTRA VOCABULARY FOR CHILDREN ACCESSING PROGRAMME OF STUDY AT KS3

Electricity and Magnets	Volt, voltage, current, amps, resistance, ohms, parallel, charge, flow, electromagnets, coil, relays
Forces and Motion	Pressure, area

EXTRA VOCABULARY FOR CHILDREN ACCESSING PROGRAMME OF STUDY AT KS3

Light and Sound	Amplitude, frequency, audible, range, plane surface, vacuum, luminous, non-luminous
The Earth and Beyond	Planet, satellite, artificial satellite
Energy Resources and Energy Transfer	Energy, conserve, conservation, transfer, resources, renewable, non-renewable