

# YEAR 5 SCIENCE VOCABULARY

---

## VOCABULARY FOR KEY STAGE 2

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

## EXTRA VOCABULARY FOR CHILDREN ACCESSING PROGRAMME OF STUDY AT KS3

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



## VOCABULARY FOR KEY STAGE 2

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

## EXTRA VOCABULARY FOR CHILDREN ACCESSING PROGRAMME OF STUDY AT KS3

Classifying Materials	<p>Element, mixture, compound</p> <ul style="list-style-type: none"> <li>Names of elements: non-metals, sulphur, carbon, oxygen, hydrogen, nitrogen</li> <li>Metals: copper, iron, aluminium, silver, gold, lead</li> </ul> <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"> <li>• Device, circuit, diagram</li> <li>• Switches: dimmer, reed, control, vary</li> <li>• Circuits: series, current, voltage, resistance, diagram</li> </ul>
Force	<ul style="list-style-type: none"> <li>• Types: gravity, weight, upthrust, elasticity, friction, air resistance, springs, stretch, compress, check, repel, attract, attraction, repulsion</li> <li>• Measurement: Newton</li> <li>• Balanced and Unbalanced: Speed, arrow, accelerate</li> </ul>
Light and Sound	<ul style="list-style-type: none"> <li>• Reflection, scattered, straight lines, mirror, kaleidoscope, periscope, telescope, prisms, lenses, spectrum</li> <li>• Travel, vibrate, pitch, waves</li> </ul>
The Earth and Beyond	<ul style="list-style-type: none"> <li>• Orbit, Solar System, star, rotate, revolve, axis, sundial, year, month, spherical, position</li> </ul>

#### 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