

## Making progress with scientific vocabulary

### Year 3

Children will have the opportunity to use the following vocabulary, including but not exclusively:

Working Scientifically	Plants	Animals including Humans	Rocks	Light	Forces and magnets
<p><b>words relating to enquiry:</b> question, scientific enquiry (type of ), answer, secondary sources, similarities, differences, changes, identify, classify, sort, group, order, observe, notice, pattern, comparative test, fair test, decide, decision.</p> <p><b>words relating to conveying scientific ideas:</b> describe, name, identify, classify, results, record, table, chart, diagram, bar chart, property, properties, tally (tally chart), key, data, evidence, conclusion, support, does not support.</p> <p><b>words and phrases for making comparisons:</b></p>	<p><b>words relating to plant parts:</b> function, job, role, part, root, stem, trunk, (bark) leaves, flowers, branch, (stalk), seeds, bulb, seedlings, petal.</p> <p><b>words relating to plant growth:</b> water, light air, growth, nutrients, soil, fertilizer, needs, (requirements), grow, growth, healthy, transported, conditions, damp, wet, dry, dark, light, hot, warm, cool, cold, (use comparatives e.g. hot, hotter, hottest) space/room (to</p>	<p><b>words relating to nutrition :</b> nutrition, nutrients, food, right type, right amount, food type, food group, carbohydrate, protein, vitamins, minerals, fat, diet, dietary, dietary fibre, sugars, fats, oils, water, balance, balanced diet, healthy, less healthy, meals.</p> <p><b>words for parts of the body of humans and other animals:</b> internal, skeleton, muscles, support, protection, movement skull, ribs, pelvis, shoulder blade,</p>	<p><b>words related to names and properties of rocks:</b> rock, stone, pebble, boulder, soil, grains, crystals, natural material, everywhere, smooth, rough, solid, crumbly, hard, soft, texture, absorb water, let water through, (permeable/impermeable) scratch, mark, streak, worn (away) colour.</p> <p><b>names of particular rocks including but not exclusively :</b> marble, chalk, granite, sandstone, slate, pumice, limestone, sedimentary (although rock cycle is not required) fossils.</p>	<p><b>words relating to light:</b> light, light source, names of light sources e.g. torch, Sun, bonfire., absence, dark/darkness, reflect, reflective, mirror, shadow, what light does (behaves) block, direct/ direction, distance, transparent, opaque, translucent.</p> <p><b>words related to safety:</b> Sun, danger, look, directly, protect, safety, safe, sunglasses, sun cream, sun hat,</p>	<p><b>words relating to forces:</b> push, pull, pulling, pushing, move, contact, touching, contact force, distance/non-contact force, act at a distance.</p> <p><b>words relating to magnets:</b> shape, bar, horseshoe, ring, button, strength, weak, strong, attract, repel, pole, magnetic, magnetic materials, non-magnetic</p>

<p>hard/harder/hardest, smooth/smoother/smoothest, heavy, heavier, heaviest, hot, hotter, hottest, cold, colder, coldest, like, similar to, different from, sort, group, identify, classify, compare, contrast, change (change over time),</p> <p><b>Words relating to data collection:</b> careful, accurate, observation, equipment, gather, measure, record, present, data, evidence, results.</p> <p><b>Words relating to equipment:</b> thermometer, data logger, microscope,</p>	<p>grow).</p> <p><b>words relating to plant life cycle:</b> life cycle, stage, pattern, seeds, fruit, berry, pollinate, seed formation, pollination, seed dispersal,</p>	<p>spine/vertebrae, joints, sockets, rotate, bend, bones, tendons, vertebrate, invertebrate, (external skeleton).</p> <p><b>Words related to animal classification:</b> vertebrate, invertebrate.</p>	<p><b>words related to soils:</b> soil, earth, broken-down, dead plants, rocks, rock type, soil type, local, weather, worn away, particle (size and colour) sandy soil, clay soil, chalky soil, peat, loam, drainage, (permeable, impermeable) air spaces.</p> <p><b>words related to fossils:</b> ancient, living, dead, plants, animals, trapped, sedimentary rock, type of rock, changed, Mary Anning, (palaeontologist).</p>	<p>shade.</p>	<p>material, north, south, metal, iron, steel.</p>
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