

Making progress with scientific vocabulary

Year 4

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

Working Scientifically	Living things in their habitats	Animals including Humans	States of matter	Sound	Electricity
<p>words relating to enquiry: change variable, measurement variable, systematic (recording and observations)</p> <p>words relating to conveying scientific ideas: link, (relationship), effect, to model (e.g. in describing the digestive system), find patterns</p> <p>words and phrases for making comparisons: appearance, loud, louder, loudest, quiet, quieter, quietest, high, higher, highest (pitch), low, lower, lowest (pitch), faster, slower, bright, brighter, brightest, dim, dimmer, dimmest, conductor, insulator.</p>	<p>words relating to classification: variety, environment, habitat, fish, amphibians, reptiles, mammals, birds, vertebrates, invertebrates (e.g. slugs, snails, worms, spiders, insects), flowering plants, grass, non-flowering plants, mosses, ferns.</p> <p>words relating to the environment: environment, habitat, local, danger, human impact, positive, negative, effects, ecology, pollution, litter, population</p>	<p>words relating to digestion : digestive system, mouth, teeth, (milk teeth), (root), (jaw), canines, incisor, molar, pre-molar, tooth decay, saliva, (stomach acid) tongue, cut rip, tear, chew, grind, oesophagus, stomach, small intestine, large intestine, rectum anus</p> <p>words related to food chains: carnivore (carnivorous) , herbivore (herbivorous) , omnivore</p>	<p>words related to states of matter: solid, liquid, gas (and named examples of each e.g. iron, water, oxygen, air) powder, grains, granular, crystals, change.</p> <p>words related to changing states: heat, temperature, Celsius, °C, change state, ice, water, water vapour, heated, heating, cold, cooling, cooled, melt, freeze, (solidify),melting point, (molten), boil, boiling point.</p> <p>words related to change in the water cycle:</p>	<p>words relating to sound: vibrate, vibration, sound, source of sound, noise, travel, (solids, liquids, gases – medium), pitch, tune, high, low, volume, loud, quiet, fainter, muffle, strength, insulate, insulation, string, length, thickness, tension, column of air, tuned percussion, percussion instruments (named), stringed instruments (names) brass and woodwind instruments (named)</p>	<p>words relating to electricity: electricity, electrical, mains, battery, appliance, device, plug, socket, electrical circuit (the use of the term series is not necessary yet), flow, complete circuit, circuit diagram, (circuit symbol – not required here as this is taught in Y6), open, closed, break the circuit, metals, conductor,</p>

<p>words relating to data collection/recording: classification key, temperature, degrees Celsius, °C, circuit diagram, (electrical symbol – taught in Y6), graph, model.</p> <p>words relating to equipment: components, cell, battery, wire, crocodile clip, bulb, wire, lamp, bulb holder, battery holder, switch, buzzer, (motor). Variety of musical instruments.</p>		<p>(omnivorous), food chain, life cycle, producer, consumer, predator, prey.</p>	<p>evaporate, evaporation, condense, condensation, precipitation, water cycle.</p>		<p>insulator, materials, gap, switch, (positive/negative terminal) (connect, connection), loose connection.</p>
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