

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
words relating to enquiry: change variable, measurement variable, systematic (recording and observations) words relating to conveying scientific ideas: link, (relationship), effect, to model (e.g. in describing the digestive system), find patterns 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.	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. words relating to the environment: environment, habitat, local, danger, human impact, positive, negative, effects, ecology, pollution, litter, population	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 words related to food chains: carnivore (carnivorous) , herbivore (herbivorous) , omnivore	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. 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. words related to change in the water cycle:	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)	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,

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