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
words relating to enquiry: 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. ***words relating to conveying scientific ideas:*** describe, name, identify, classify, results, record, table, chart, diagram, bar chart, property, properties, tally (tally chart), key, data, evidence, conclusion, support, does not support. ***words and phrases for making comparisons:***	***words relating to plant parts:*** function, job, role, part, root, stem, trunk, (bark) leaves, flowers, branch, (stalk), seeds, bulb, seedlings, petal. ***words relating to plant growth:*** 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	***words relating to nutrition :*** 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. ***words for parts of the body of humans and other animals:*** internal, skeleton, muscles, support, protection, movement skull, ribs, pelvis, shoulder blade,	***words related to names and properties of rocks:*** 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. ***names of particular rocks including but not exclusively :*** marble, chalk, granite, sandstone, slate, pumice, limestone, sedimentary (although rock cycle is not required) fossils.	***words relating to light:*** 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. ***words related to safety:*** Sun, danger, look, directly, protect, safety, safe, sunglasses, sun cream, sun hat,	***words relating to forces:*** push, pull, pulling, pushing, move, contact, touching, contact force, distance/non-contact force, act at a distance. ***words relating to magnets:*** shape, bar, horseshoe, ring, button, strength, weak, strong, attract, repel, pole, magnetic, magnetic materials, non-magnetic

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), ***Words relating to data collection:*** careful, accurate, observation, equipment, gather, measure, record, present, data, evidence, results. ***Words relating to equipment:*** thermometer, data logger, microscope,	grow). ***words relating to plant life cycle:*** life cycle, stage, pattern, seeds, fruit, berry, pollinate, seed formation, pollination, seed dispersal,	spine/vertebrae, joints, sockets, rotate, bend, bones, tendons, vertebrate, invertebrate, (external skeleton). ***Words related to animal classification:*** vertebrate, invertebrate.	***words related to soils:*** 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. ***words related to fossils:*** ancient, living, dead, plants, animals, trapped, sedimentary rock, type of rock, changed, Mary Anning, (palaeontologist).	shade.	material, north, south, metal, iron, steel.