

**Science vocabulary progression**

	Year 3	Year 4	Year 5	Year 6
Working scientifically	Research Record Equipment Data Conclusion Observation Predictions		Variables Accuracy Scatter graphs Degrees of trust Reliability Comparative Systematic Quantitative Classification	
Living things	Plants Roots Stem Leaves Flowers Nutrients Evaporation Pollination Germination	Classification Amphibian Bird Insect Mammal Reptile Habitat	Living things and their habitat Asexual reproduction Habitat Invertebrate Life cycle Metamorphosis Sexual reproduction Vertebrate (obligate) carnivore Herbivore Insectivore Omnivore Stamen (filament, anther) Pistil (stigma, style, recepticle, ovary, ovule) Pollen Sepal Fern – spores, sorus, gametophyte	Living things & their habitats Annelid Arachnid Crustaceans Invertebrate Microorganism Vertebrate  Evolution and inheritance Adaptation Body fossil Environment Evolution Fossil Inherit Offspring Selective breeding Trace fossil
Animals, including humans	Healthy Nutrients Energy Saturated fats Unsaturated fats Muscles Tendons Joints Vertebrate Invertebrate	Digest Rectum Stomach Small intestine Large intestine Oesophagus Herbivore Carnivore Omnivore	Fertilisation Prenatal Gestation Reproduce Life cycle Sexual maturity Asexual reproduction Adolescence Menstruation Puberty Life expectancy	Arteries Blood and blood vessel Bones Circulatory system Heart Lungs Muscles Nutrients Organs Veins Vitamins
Chemistry	Rocks Igneous Sedimentary Metamorphic Magma Lava Permeable Impermeable	States of matter Conductor Dissolve Evaporation Flexible Gas Insulator	Properties & changes of materials States of matter Solid Liquid Gas Plasma Non-Newtonian fluid Water vapour	

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	Fossilisation Erosion	Irreversible Liquid Magnetic Material Opaque Reversible Solid Soluble Thermal Transparent	Melt Freeze Evaporate Condense Precipitation Separation of solids and liquids Sieve Filter Filtration Particle Molecule Properties Fire triangle	
Physical processes	Light Eyes Filter Light Light source Reflection Shadow Dark Transparent Translucent Opaque	Sound Vibration Sound wave Volume Pitch Amplitude Particles Distance Absorb Sound proof Vacuum	Earth & space Asteroid Axis Celestial Day Dwarf planet Geocentric Heliocentric Moon Night Orbit Planet Rotation Solar system Star Sun Lunar cycle	Light Spectrum Periscope Refraction Incident ray Law of reflection Reflected ray Visible spectrum
Physics	Forces and Magnets Forces Friction Magnet Surface Poles Repel Attract	Electricity Battery Bulb Buzzer Cell Conductor Current Electricity Filament Motor Switch Voltage	Forces Resistance (air and water) Streamline Aerodynamic Force Friction Gears Gravity Levers Fulcrum Mass Force (push and pull) Pulleys	Electricity Circuit Symbol Cell Battery Current Amps Voltage Resistance Electrons