

Science Vocabulary Progression

Animals, Including Humans YR	Animals, Including Humans Y1	Animals, Including Humans Y2	Animals, Including Humans Y3	Animals, Including Humans Y4	Animals, Including Humans Y5	Animals, Including Humans Y6
nocturnal, diurnal, daytime	sense smell carnivore mouth hands sight hear herbivore human ears touch taste omnivore eyes nose animal	animal adult hygiene water wash human exercise grow air need young food baby clean healthy , offspring, balanced diet	animal skeleton healthy protect protein human muscle spine move fibre nutrition diet vertebra support carbohydrate.	function food chain predator type stomach digestive system canine prey mouth tongue incisor molar carnivore herbivore oesophagus large intestine, small intestine, rectum human animal life cycle	muscle human, animal hygiene lifecycle development, baby, toddler, child, teenager, foetal, adult, puberty, gestation, length, mass, grow	Red blood cell, White blood cell, Plasma, Platelets , Vena Cava, Aorta, Ventricle, Atrium, Aerobic, anaerobic Pulmonary artery Pulmonary vein, Diastet Enzymes Prescription, Alcohol, Illegal
Living Things YR	Living Things Y2		Living Things Y4		Living Things Y5	
grow, young, old, change	alive, dead, never been alive, compare, breathe, food chain, producer, consumer, prey, predator, adapt, adaptation, environment, habitat, microorganisms mould,		plants nutrient reproduce function parts leaves transport soil water germinate disperse pollinate flowers life cycle grow photosynthesis classification, vertebrates, invertebrates amphibians mammals		life cycle insect, process ocean parent mammals reproduce, tuber, rainforest change animals scientist naturalist desert environment, sexual, a sexual. Amphibians natural, artificial	
Materials YR	Materials Y1	Materials Y2	Rocks Y3	States of Matter Y4		Materials Y5
waterproof hard wood metal transparent rough smooth	material glass waterproof touch hard wood metal transparent rough soft plastic rocks water smooth stretchy	material bend use glass change object twist plastic rock shape squash stretch metal paper used, suitability, properties	material transparent shape appearance, physical, properties, hard/soft, shiny/dull, rough/smooth, absorbent/not absorbent, fossils, sedimentary, rock, soils, organic matter, buildings, gravestones, grains, crystals, metamorphic, igneous	material properties gas condensation heat change solid water cycle temperature cool Celsius (°C) liquid states of matter evaporation measure shape evaporate, change of state		properties solution evaporate burn evidence material filter reversible acid separate dissolve sieve substance changes of state mixture transparent shape
Seasonal Changes YR	Seasonal Changes Y1		Light Y3	Sound Y4		Earth and Space Y5
spring summer autumn wind cold winter season change weather	spring summer autumn wind cold winter season day length rain frosty change weather outside snow icy		light, see, dark, reflect, surface, natural, star, Sun, Moon, shadow, blocked, solid, artificial, torch, candle, lamp, sunlight, dangerous, protect eyes source	sound ear insulate travel source vibrate volume quiet material strength pitch high loud distance instrument		planet rotate galaxy movement night Solar System orbit spherical Moon season model universe axis Earth International Space Station(ISS)
Plants YR	Plants Y1		Plants Y3		Evolution and Inheritance Y6	
plant tree root grow fruit leaves stem flower petal leaf	plant tree root grow fruit deciduous leaves stem branches evergreen flower trunk petal leaf wild		plants deciduous temperature nutrient reproduce function parts leaves transport soil water germinate disperse pollinate flowers life cycle grow photosynthesis		evolution offspring variation environment change inheritance , adaptation identical, inhabited	
			Forces and Magnets Y3	Electricity Y4		Forces and Magnets Y5
			forces poles properties contact distance attract magnet metal compare patterns repel strength horseshoe materials surface	appliances battery wire device electricity insulator switch connect series circuit cell buzzer bright motor		gravity surface gear force theory resistance lever friction effect pulley movement machine different Isaac Newton
					Electricity Y6	
					voltage, brightness, volume, switches, danger, series circuit, conductor, electrical safety, sign, circuit diagram, bulb, insulator, symbols	