

Science Vocabulary Progression

Animals, Including Humans Y1	Animals, Including Humans Y2	Animals, Including Humans Y3	Animals, Including Humans Y4	Animals, Including Humans Y5	Animals, Including Humans Y6
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	animal hygiene skeleton healthy protect protein human muscle spine move fibre nutrition diet vertebra support carbohydrate	muscle function food chain predator type stomach digestive system canine prey mouth tongue incisor molar intestine carnivore herbivore human animal hygiene lifecycle	muscle human, animal hygiene lifecycle development, baby, toddler, child, teenager, adult, puberty, gestation, length, mass, grows, grow, growing	animal human muscle hygiene lifecycle evolution offspring variation environment change inheritance adaptation identical inhabited passed fossils characteristics Earth suit survive
	Living Things Y2 alive, dead, never been alive, compare, breathe, food chain, producer, consumer, prey, predator, adapt, adaptation, environment, habitat, microorganisms mould,		Living Things Y4 habitats plants nutrient reproduce function parts leaves transport soil water germinate disperse pollinate flowers life cycle grow photosynthesis	Living Things Y5 habitats photosynthesis life cycle insect process ocean parent mammals reproduce tuber rainforest change animals scientist naturalist desert environment	Living Things Y6 classify animal micro-organism Carl Linnaeus common vertebrate characteristics amphibian research group invertebrate habitat photosynthesis plant environment mammal lifecycle
Materials Y1	Materials Y2	Rocks Y3	States of Matter Y4	Materials Y5	
material glass waterproof touch hard wood metal transparent rough soft plastic rocks water smooth stretchy shape	material bend use glass change object twist plastic rock shape squash stretch metal paper used transparent	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	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 Y1		Light Y3	Sound Y4	Earth and Space Y5	Light Y6
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)	light dark mirror patterns change reflect Sun shadow source high eyes blocked object shorter night sound ear insulate travel source vibrate volume quiet material strength pitch high loud distance instrument periscope, telescope, binoculars, mirror, magnifying glass, Newton's first reflecting telescope
Plants Y1	Plants Y2	Plants Y3			
plant tree root grow fruit deciduous leaves stem vegetable branches evergreen flower trunk petal leaf wild	plant deciduous water change grow change seed light germinate soil measure bulb temperature healthy food warmth	plants deciduous temperature nutrient reproduce function parts leaves transport soil water germinate disperse pollinate flowers life cycle grow photosynthesis			
		Forces and Magnets Y3	Electricity Y4	Forces and Magnets Y5	Electricity Y6
		forces poles properties contact distance attract magnet metal compare patterns repel strength horseshoe materials surface	appliances conductor 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	voltage, brightness, volume, switches, danger, series circuit , working safely with, electricity, electrical safety, sign, circuit diagram, switch , bulb, buzzer , motor, recognised, symbols battery