



Clifton Upon-Teme Primary School

Whole School Science Progression of Vocabulary

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Plants					
bulb deciduous evergreen flower fruit garden plants growth leaf roots seed stem trunk wild plants	germinate energy nutrient life cycle shoot	Female flowering plant male pollen pollination reproduction seed dispersal transport	N/A	N/A	N/A

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Living things and their habitats/Animals including humans					
Sensitive bodies hearing senses sight smell taste touch Comparing animals amphibian bird	Habitats and Microhabitats alive dead depend energy food chain	Movement and nutrition balanced (diet) bone carbohydrate fat fibre	Classification and changing habitats conservation deforestation endangered flowering plants	Life cycles and reproduction adolescence asexual reproduction characteristic fertilisation	Classifying big and small cold-blooded conifer exoskeleton fern life processes microorganism



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carnivore diet fish herbivore mammal omnivore reptile	habitat life processes microhabitat minibeast predator prey shelter Life cycles and health basic needs egg health hygiene life cycle live young pupa spawn survive teenager toddler tadpole	invertebrate joint mineral movement muscle nutrient protection protein skeleton support vertebrate vitamin	insect nature reserve non- flowering plants pollution slug snail spider worm Digestion and food canine digest digestive system faeces incisor large intestine molar mouth oesophagus premolar producer saliva small intestine stomach	germination gestation gills incubation lungs mating metamorphosis offspring ovule pollen pollination reproduction sexual reproduction Human timeline foetus gestation period hormones period (menstruation) puberty	moss organism warm-blooded Circulation and health blood bloodstream blood vessels carbon dioxide circulatory system drug heart heart rate oxygen pulse Evolution and inheritance adaptation competition environment environmental evolution extinct fossil gene inherit inheritance natural selection parent (biological)
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					population selective breeding survival of the fittest variation
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Forces, Earth and Space					
deciduous tree evergreen tree season weather	N/A	attract contact force force friction magnet magnetic material magnetism non-contact force north pole repel south pole	N/A	celestial bodies day (daytime) gravity moon night (nighttime) orbit phase planet spherical star year Solar System Mercury Venus Earth Mars	N/A



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				Jupiter Saturn Uranus Neptune Pluto air resistance balanced gear gravity lever pivot pulley surface area unbalanced water resistance	
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Energy					
N/A	N/A	cast (a shadow) light source luminous mirror non-luminous	air eardrum insulator pitch sound	N/A	light ray pupil ray diagram reflective cell circuit diagram current resistance voltage



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		opaque reflect reflection reflective (shiny) shadow the Sun translucent transparent	vibration volume appliance battery/cell bulb buzzer circuit electrical conductor electrical insulator electricity mains motor power source property switch wire		
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Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Materials					
absorbent fabric glass metal material object plastic rock	elastic flexible property suitable	crystal fossil grain hard hardness rock sediment sedimentary rock	boiling condensing evaporating evaporation rate freezing gas liquid melting	dissolve filtering insoluble mixture sieving soluble solution burning conductor electrical conductivity insulator	N/A



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tough waterproof wood		sedimentation soft soil	precipitation solid steam the water cycle	irreversible change reversible change rust rusting thermal conductivity transparency	
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	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Working Scientifically					
Question Plan and Predict	plan predict		fair investigate investigation method variable control variable rate		hazard model safety testable fair test	
Observe, test and measure Record	diagram group measure observe sort table research		bar chart record results table stopwatch classify classification key degrees Celsius		anomaly data estimate line of best fit line graph relationship mean average	



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	test	temperature thermometer	scale secondary data/source units
Conclude Evaluate	compare difference pattern similarity results	conclusion trustworthy proof/prove	evidence evaluate reliable