

Marston Thorold Primary School - Science Vocabulary Progression

Year 1/2 Cycle A		Year 1/2 Cycle B		Year 3/4 Cycle A		Year 3/4 Cycle B		Year 5/6 Cycle A		Year 5/6 Cycle B	
Key Vocabulary	Other Vocabulary	Key Vocabulary	Other Vocabulary	Key Vocabulary	Other Vocabulary	Key Vocabulary	Other Vocabulary	Key Vocabulary	Other Vocabulary	Key Vocabulary	Other Vocabulary
Animals including humans											
Energy internal	Animals Y1 growth habitat fish amphibian reptile bird carnivore herbivore omnivore Humans Y1 mammal offspring vertebrate skeleton organ sight hearing taste smell touch	hygiene	Animals Y2 offspring adult grow Humans Y2 exercise healthy carbohydrates protein dairy fats sugary foods fruits vegetables			balanced	Year 4 digestion excretion peristalsis anus small intestine large intestine stomach rectum oesophagus tongue saliva acid bile enzymes incisors canines molars predator prey producer Year 3 vitamin balanced diet calcium invertebrate contract relax ribcage insect muscles joints exoskeleton			replenish respiration	artery aorta atrium blood vessels blood cells platelets plasma capillary circulatory system vein pulse ventricle resting heart rate drugs

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Living Things and Their Habitats

		energy nutrients nutrition consume excrete environment	habitat microhabitat living dead alive life cycle food chain reproduce carnivore herbivore omnivore	kingdom characteristics	classification key species fungi bacteria climate change offspring extinction pollution endangered			Segmented	Year 6 micro-organism virus thorax arthropod abdomen arachnid crustacean myriapod antenna jointed limbs		
								development	Year 5 life cycle life span embryo womb weaned adolescence metamorphosis pupa lava chrysalis caterpillar tadpole hatchling fledgling asexual reproduction		

Materials and States of Matter

Material property	Year 1 wood plastic glass metal water rock hard soft shiny rough smooth waterproof			Condense composed	Bond condensation evaporation reversible boiling point melting point freezing point liquid gas solid thermometer water cycle precipitation					saturation irreversible conductivity	dissolve soluble insoluble solvent solute solution filter sieve crystallization thermal chemistry
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flexible rigid surface	absorbent transparent opaque heavy light Year 2 stretchy strong brick paper cardboard suitability squash bend stretch twist matter				transpiration surface run off process						
Plants											
energy structure	growth deciduous evergreen flower plant tree roots stem leaf trunk	Survival nutrients	bulb seed light (give a simple definition - from the Sun)			function	fruit nectar anther ovary ovule petal pollen stigma style stamen exchange dispersal fertilization pollination				
Seasonal Changes											
temperature freezing melting	cold Sun clouds wind rain snow ice spring summer	temperature freezing melting	cold Sun clouds wind rain snow ice spring summer								

Marston Thorold Primary School - Science Vocabulary Progression

	autumn winter hot		autumn winter hot								
Electricity											
				circuit appliance components	battery cell bulb buzzer switch wire current electricity negative positive conductor insulator			resistance	series circuit voltage symbols		
Rocks and Fossils											
				extinction	igneous metamorphic sedimentary palaeontologist weathering molten rock crust tectonic plate scavengers fossil						
Sound											
				frequency	particle vibration percussion instrument string/wind instrument volume pitch medium vacuum						

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Forces and Magnets

						resist attraction repulsion	Force Push Pull contact magnetic non-magnetic pole north south friction	resistance	mass air resistance Newton meter gravity weight Newton streamlined water resistance fulcrum lever pulley gear pivot		
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Light and Earth and Space

						solid opaque transparent reflected reflective object source shadow		rotation satellite	Earth & Space planet sphere solar system eclipse star universe axis celestial body Moon lunar solar telescope orbit Light angle of incidence angle of reflection translucent medium periscope spectrum		
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Evolution and Inheritance

										evolution evolve variation advantageous	natural selection
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