



St Mary's Catholic Primary School Science

Progression Document – Vocabulary

<u>Working Scientifically</u>	Key Stage 1 Question, Plan and predict • plan (1) • predict Observe, test and measure Record • diagram • group (1) • measure • observe • sort (1) • table (1) • research • test (1) Conclude, Evaluate • compare • difference (1) • pattern (1) • similarity • results (1) Lower Key Stage 2 Question, Plan and predict • fair (1) • investigate • investigation • method
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Progression Document – Vocabulary

	• variable • control variable • rate Observe, test and measure, Record • bar chart • record • results table • stop watch • classify • classification key • degrees Celsius (3) • temperature • thermometer Conclude, Evaluate • conclusion • trustworthy • proof/prove Upper Key Stage 2 Question, Plan and predict • hazard • model • safety (1) • testable • fair test
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Progression Document – Vocabulary

	Observe, test and measure, Record • anomaly (3) • data • estimate • line of best fit (3) • line graph • relationship • mean average • scale • secondary data/source • units Conclude, Evaluate • evidence • evaluate • reliable
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St Mary's Catholic Primary School Science Progression Document – Vocabulary

<u>Science in Action</u>	Year 1 Science Scientist
	Year 2 Invention
	Year 3 N/A
	Year 4 Ethics
	Year 5 Discovery
	Year 6 Theory



St Mary's Catholic Primary School Science **Progression Document – Vocabulary**

<u>Scientific Knowledge and Understanding</u>	Year 1 Living things and their habitats Sensitive bodies • hearing (1) • senses (1) • sight (1) • smell (1) • taste (1) • touch (1) Comparing animals • amphibian • bird (1) • carnivore • diet • fish (1) • herbivore • mammal • omnivore • reptile Plants • bulb • deciduous • evergreen • flower (1) • fruit (1) • garden plants • growth (1)
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Progression Document – Vocabulary

	• leaf (1) • roots (1) • seed (1) • stem (1) • trunk (1) • wild plants Forces, Earth and Space • deciduous tree • evergreen tree • season (1) • weather (1) Animals including humans Sensitive bodies • hearing (1) • senses (1) • sight (1) • smell (1) • taste (1) • touch Comparing animals • amphibian • bird (1) • carnivore • diet • fish (1) • herbivore • mammal
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Progression Document – Vocabulary

	• omnivore • reptile Energy • N/A Materials • absorbent • fabric • glass (1) • metal (1) • material • object Year 2 Living things and their habitats Habitats and Microhabitats • alive (1) • dead (1) • depend (2) • energy (2) • food chain (2) • habitat (2) • life processes • microhabitat • minibeast • predator (2) • prey (2) • shelter (1)
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Progression Document – Vocabulary

	Life cycles and health • basic needs • egg (1) • health (1) • hygiene (1) • life cycle (2) • live young • pupa • spawn • survive • teenager (1) • toddler (1) • tadpole Plants • germinate • energy (2) • nutrient (2) • life cycle (2) • shoot Forces, Earth and Space • N/A Animals, including humans Habitats and Microhabitats • alive (1) • dead (1) • depend (2) • energy (2)
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Progression Document – Vocabulary

- food chain (2)
- habitat (2)
- life processes
- microhabitat
- minibeast
- predator (2)
- prey (2)
- shelter (1)

Life cycles and health

- basic needs
- egg (1)
- health (1)
- hygiene (1)
- life cycle (2)
- live young
- pupa
- spawn
- survive
- teenager (1)
- toddler (1)
- tadpole

Energy

- N/A

Materials

- elastic
- flexible (2)
- property



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Progression Document – Vocabulary

	• suitable (1) Year 3 Living things and their habitats Movement and nutrition • balanced (diet) (2) • bone (1) • carbohydrate • fat • fibre • invertebrate • joint • mineral • movement • muscle (1) • nutrient • protection • protein • skeleton • support • vertebrate • vitamin Plants • female (1) • flowering plant • male (1) • pollen • pollination
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Progression Document – Vocabulary

	• reproduction • seed dispersal • transport Forces, Earth and Space • attract (2) • contact force • force (2) • friction (2) • magnet (2) • magnetic material • magnetism (2) • non-contact force • north pole • repel (2) • south pole Animals, including humans Movement and nutrition • balanced (diet) (2) • bone (1) • carbohydrate • fat • fibre • invertebrate • joint • mineral • movement • muscle (1)
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Progression Document – Vocabulary

	• nutrient • protection • protein • skeleton • support • vertebrate • vitamin Energy • cast (a shadow) • light source • luminous • mirror • non-luminous • opaque • reflect • reflection • reflective (shiny) • shadow (1) • the Sun • translucent • transparent Materials • crystal • fossil • grain • hard • hardness
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St Mary's Catholic Primary School Science Progression Document – Vocabulary

	Year 4 Living things and their habitats Classification and changing habitats • conservation (2) • deforestation (2) • endangered (2) • flowering plants • insect • nature reserve • non-flowering plants • pollution (2) • slug • snail • spider • worm Digestion and food • canine • digest (2) • digestive system • faeces • incisor • large intestine • molar • mouth (1) • oesophagus • premolar • producer
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Progression Document – Vocabulary

	• saliva • small intestine • stomach (1) Plants • N/A Forces, Earth and Space • N/A Animals, including humans Classification and changing habitats • conservation (2) • deforestation (2) • endangered (2) • flowering plants • insect • nature reserve • non-flowering plants • pollution (2) • slug • snail • spider • worm Digestation and food • canine • digest (2) • digestive system • faeces • incisor
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Progression Document – Vocabulary

- large intestine
- molar
- mouth (1)
- oesophagus
- premolar
- producer
- saliva
- small intestine
- stomach (1)

Energy

- air (1)
- eardrum
- insulator
- pitch (2)
- sound
- vibration
- volume (2)
- appliance
- battery/cell
- bulb
- buzzer
- circuit (2)
- electrical conductor
- electrical insulator
- electricity (1)
- mains
- motor



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Progression Document – Vocabulary

	• power source • property • switch (2) • wire (1) Materials • boiling • condensing • evaporating • evaporation rate Year 5 Living things and their habitats Life cycles and reproduction • adolescence (2) • asexual reproduction • characteristics (2) • fertilisation • germination • gestation • gills • incubation • lungs • mating • metamorphosis • offspring • ovule • pollen
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Progression Document – Vocabulary

	• pollination • reproduction (2) • sexual reproduction Human timeline • foetus • gestation period • hormones • period (menustration) • puberty Plants • N/A Forces, Earth and Space • celestial bodies • day (daytime) • gravity (2) • moon (1) • night (nighttime) • orbit (2) • phase (2) • planet (1) • spherical • star (1) • year • Solar System • Mercury • Venus • Earth
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Progression Document – Vocabulary

- Mars
- Jupiter
- Saturn
- Uranus
- Neptune
- Pluto
- air resistance
- balanced (2)
- gear
- gravity
- lever
- pivot
- pulley
- surface area
- unbalanced (2)
- water resistance

Animals, including humans

Life cycles and reproduction

- adolescence (2)
- asexual reproduction
- characteristics (2)
- fertilisation
- germination
- gestation
- gills
- incubation
- lungs



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Progression Document – Vocabulary

	• mating • metamorphosis • offspring • ovule • pollen • pollination • reproduction (2) • sexual reproduction Human timeline • foetus • gestation period • hormones • period (menstruation) • puberty Energy • N/A Materials • dissolve • filtering (2) • insoluble • mixture • sieving Year 6 Living things and their habitats Classifying big and small • cold-blooded
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Progression Document – Vocabulary

	• conifer • exoskeleton • fern • life processes • microorganism • moss • organism • warm-blooded Circulation and health • blood (1) • bloodstream • blood vessels • carbon dioxide • circulatory system • drug • heart (1) • heart rate • oxygen • pulse Evolution and inheritance • adaptation (2) • competition (2) • environment (2) • environmental (2) • evolution (2) • extinct (2) • fossil
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Progression Document – Vocabulary

	• gene • inherit • inheritance (2) • natural selection • parent (biological) (1) • population (2) • selective breeding • survival of the fittest (2) • variation (2) Plants • N/A Forces, Earth and Space • N/A Animals, including humans Classifying big and small • cold-blooded • conifer • exoskeleton • fern • life processes • microorganism • moss • organism • warm-blooded Circulation and health • blood (1) • bloodstream
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Progression Document – Vocabulary

	• blood vessels • carbon dioxide • circulatory system • drug • heart (1) • heart rate • oxygen • pulse Evolution and inheritance • adaptation (2) • competition (2) • environment (2) • environmental (2) • evolution (2) • extinct (2) • fossil • gene • inherit • inheritance (2) • natural selection • parent (biological) (1) • population (2) • selective breeding • survival of the fittest (2) • variation (2) Energy • light ray
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Progression Document – Vocabulary

- pupil
- ray diagram
- reflective
- cell
- circuit diagram
- current
- resistance
- voltage

Materials

- N/A