

Science Vocabulary at Salisbury Manor Primary School

Pupils are exposed to these words during First-Quality Teaching in Science lessons at Salisbury Manor Primary School

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	hibernate winter sunny rainy windy snowy puddles rainbows habitats grass mud water rock sand	melting freezing float materials artificial (man-made) natural	slow/fast hard/gently pushed/pull obstacle steam diesel electricity plastic wood fabric magnets repel attract	chicks eggs chickens calves cows lambs sheep piglets pigs foals horses ducklings ducks parents young water light	dissolve hard soft rough smooth dull shiny heavier	eggs larvae fry adults
Reception				wildlife weather spring winter insects spiders habitats		skins flesh seeds
Year 1	plant living coniferous deciduous trees stem wood leaves flowers roots stem	seasons spring summer autumn winter weather daytime Earth Sun daylight Moon	object purpose material wood paper metal glass plastic water rock fabric	Consolidation	animals plants carnivores herbivores omnivores fins wings scales legs feathers claws	omnivores senses

	truck branch		physical properties hard soft rough smooth shiny		paws fish amphibians reptiles birds mammals	
Year 2	living embryonic seed coat endosperm embryo germination seed roots shoots germinate temperature bulbs stems water light temperature fruits vegetables	food water oxygen right temperature reproduce offspring grow exercise balanced diet hygiene	matter physical properties malleable waterproof heat proof windproof absorbent wood metal plastic brick rock paper cardboard squashing bending twisting stretching	alive organisms habitats micro-habitat energy producers food chain energy adapted environment hot desert camels cacti cold desert arctic fox polar bear penguin shrubs	materials substances matter states of matter solids liquids gases	Consolidation
Year 3	igneous sedimentary metamorphic anthropic igneous magma lava sediments compressed permeable impermeable preserved fossil traces trace fossil soil	light darkness sources reflect reflective opaque translucent transparent shadows	carbohydrates proteins fats dairy fruit vegetables vitamins minerals fibre diseases skeleton nutritional organs heart protects supports muscles	oxygen carbon dioxide environment roots nutrients stem trunk xylem phloem germination pollination fertilisation seed dispersal coniferous deciduous self-propelled	forces pushes pull directions opposing forces balanced forced friction	contact non-contact magnetism north pole south pole attracted repel

			contract endoskeleton exoskeleton			
Year 4	classification organism species offspring reproduce vertebrates endoskeletons warm blooded cold blooded invertebrates snails slugs worms spiders insects exoskeletons hydrostatic skeletons flowering non-flowering habitats nature reserve greenbelt	producer predator prey food web ecosystem incisors canines pre-molars molars herbivores carnivores omnivores deciduous digest digestive chemical mechanical oesophagus stomach small intestines large intestines faces rectum anus	substances particles particles melting melting point evaporating condensing freezing room temperature water cycle evaporation condensation precipitates	sounds vibrate medium inner ear vacuum volume pitch	electrical appliances lamp circuit complete circuit components incomplete circuit short circuit wire lamp buzzer motor switch electrical conductors electrical insulators	physical properties thermal conductors thermal insulators chemical properties flammability toxicity
Year 5	pure substance mixture dissolve solvent soluble insoluble saturated solution magnets filters filtration evaporation reversible irreversible	energy transferred store fossil fuels batteries Sun energy stores light electrically food chain chemical store transferred chemical store transferred	generation genome sexual reproduction organisms genomes fertilisation gestation viviparous oviparous born hatch germinate metamorphosis stamen	fertilisation gestation growth embryo foetus infant child adolescent adult senior viviparous cognitive physical social	force newtons (N) gravity non-contact force gravitational pull mass weight air resistance frictional force surface area water resistance levers pulleys gears	universe galaxies Milky Way Solar system star Sun orbit planets spherical heliocentric model plane leap year gravity rotates

		thermal store pushes pulls sound	anther filament pollen grains ovary stigma asexual reproduction genetically tuber bulbs	emotional primary aging secondary ageing	beam fulcrum (pivot) effort load upthrust	axis new moon crescent quarter moon gibbous moon full moon vacuum mass gravitational
Year 6	symbols voltage series parallel continuous appliances electricity generated power station renewable non-renewable wind solar geothermal hydrological	variation species environmental genetic genomes sexual reproduction advantageous disadvantageous organisms advantageous traits natural selection adaptations physiological structural behavioural evolve Homo sapiens fossils	opaque emit reflect light sources ray diagrams energy pupil iris lens white light visible spectrum absorbed reflected prescription braille specular reflection diffuse reflection	invertebrates arthropods fungi micro-organisms bacteria symbolic relationships	respiration oxygen glucose carbon dioxide blood cells excreted nutrients heart blood vessels deoxygenated oxygenated nutrients arteries small intestines veins capillaries heart rate healthy physical mental social drug medicines	Consolidation