

St John Fisher Catholic Voluntary Academy

Science Vocabulary Progression Year 1 – Year 6



		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Biology	Plants	Deciduous, Evergreen, Tree, Leaves, Flowers (blossom), Petals, Fruit, Roots, Bulb, Seed, Trunk, Branches, Stem, Oak, Holly, Willow, Birch, Chestnut, Conker, Daisy, Buttercup, Rose, Daffodil, fruit	Seeds, Bulbs, Water, Light, Suitable temperature, Grow, Healthy, Germinate, Decompose	Air, Light, Water, Nutrients, Soil, Reproduction, Transportation, Dispersal, Pollination, Flower,			
	Animals including humans	Fish, Reptiles, Mammals, Birds, Amphibians (+ examples of each) Herbivore, Omnivore, Carnivore, Leg, Arm, Elbow, Head, Ear, Nose, Back, Wings, Beak	Survival, Water, Air, Food, Adult, Baby, Offspring, Kitten, Calf, Puppy, Exercise, Hygiene	Movement, Muscles, Bones, Skull, Nutrition, Skeletons,	Mouth, Tongue, Teeth, Oesophagus, Stomach, Small Intestine, Large Intestine, Herbivore, Carnivore, Canine, Incisor, Molar	Foetus, Embryo, Womb, Gestation, Baby, Toddler, Teenager, Elderly, Growth, Development, Puberty; Circulatory, Heart, Blood Vessels, veins, Arteries, Oxygenated, Deoxygenated, Valve, Exercise, Respiration	
	Living Things and their Habitats		Living, Dead, Habitat, Energy, Food chain, Predator, Prey, Woodland, Pond, Desert		Vertebrates, Fish, Amphibians, Reptiles, Birds, Mammals, Invertebrates, Snails, Slugs, Worms, Spiders, Insects, Environment, Habitats	Mammal, Reproduction, Insect, Amphibian, Bird, Offspring; Classification, Vertebrates, Invertebrates, Micro-organisms, Amphibians, Reptiles, Mammals, Insects	
	Evolution and Inheritance						Fossils, Adaptation, Evolution, Characteristics, Reproduction, Genetics
Chemistry	Materials	Everyday Materials Wood, Plastic, Glass, Paper, Water, Metal, Rock, Hard, Soft, Bendy, Rough, Smooth	Materials Hard, Soft, Stretchy, Stiff, Shiny, Dull, Rough, Smooth, Bendy, Waterproof, Absorbent, Opaque, Transparent Brick, Paper, Fabrics, Squashing, Bending, Twisting, Stretching Elastic, Foil		States of Mater Solid, Liquid, Gas, Evaporation, Condensation, Particles, Temperature, Freezing, Heating, Precipitation	Properties, including changes of, materials Hardness, Solubility, Transparent, Opaque, Translucent, Magnetic, Filter, Evaporation, Dissolving, Mixing, Thermal conductor, thermal insulator, electrical conductor, electrical insulator	
	Rocks			Fossils, Soils, Sandstone, Granite, Marble, Pumice, Crystals, sedimentary, metamorphic, igneous, absorbent/porous, durable, permeable, impermeable			

		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Physics	Seasonal Changes	Summer, Spring, Autumn, Winter, Sun, Day, Moon, Night, Light, Dark					
	Light			Light, Shadows, Mirror, Reflective, Dark, Reflection, light source, cast			
	Forces and Magnets			Magnetic, Force, Contact, Attract, Repel, Friction, Poles, Push, Pull		Forces, Air resistance, Water resistance, Friction, Gravity, Newton, Gears, Pulleys, lever, force, pivot (fulcrum)	
	Sound				Volume, Vibration, Wave, Pitch, Tone, Speaker		
	Electricity				Cells, Wires, Bulbs, Switches, Buzzers, Battery, Circuit, Series, Conductors, Insulators, brightness		
	Earth and Space					Earth, Sun, Moon, Axis, Rotation, Day, Night, Phases of the Moon, star, constellation, waxing, waning, full, new, year, month,	
Environmental Sciences	Energy and Climate Change						greenhouse effect emissions climate change sustainable solar power wind power hydro power fossil fuels carbon dioxide
Working Scientifically	What...? How...? Why...? similar different best and worst change plan look biggest and smallest compare sort and group	observe change slowly quickly describe name identify label record measure bigger and smaller pattern notice cycle predict	gradually identify observe recognise investigate record units table fair evidence research length observations prediction	similarities differences research and source scientists discovery process cycle measurements conclude evaluate rank plan vary keep the same/constant bar graph table tally	classify interpret pattern relationship prediction analyse interpret conclude evaluate rank variable constants control repeat key relationship line graph	hypothesis variable constants evaluate plan conclude interpret classify categorise database enquiry control repeat support refute degree of trust scatter graph	

