

Gainsborough Primary & Nursery School
VOCABULARY OVERVIEW
SCIENCE

Focus	Early Years	Year One	Year Two	Year Three	Year Four	Year Five	Year Six
Prior knowledge Must learn	Animals including humans names of animals, live, on land, in water, jungle, desert, North Pole, South Pole, hair eyes baby, toddler, child, adult,	Animals including humans: Reptiles Mammals Amphibians Birds Fish Senses Herbivore Omnivore Carnivore	Animals including humans: Offspring Adult Hygiene Germs Disease Fish Bread Egg Milk	Animals including humans: Protein Fat Carbohydrates Vitamins Minerals Muscles Support Protect Joints	Animals including humans: Digestive system Incisor Molar Stomach Digestion Small intestine Large intestines Predator Prey	Animals including humans: Fertilisation Reproduction Gestation Asexual reproduction Sexual reproduction Menstruation Puberty Length Mass	Animals including humans: Blood Oxygen Heart Muscles Pump Pulse Blood vessels Carbon Dioxide Lungs Circulatory system Nutrients Diet Drugs Lifestyle Exercise
	Materials (link to recycling) An introduction material metal wood	Materials: Object Wood Plastic Fabric Stiff	Materials: Opaque Translucent Reflective Non-reflective Absorbent		States of Matter: Solid Liquid Gas Melting point Boiling point	Properties and changes of material: Change of state Reversible change	

	plastic paper	Bendy Floppy Stretchy See through	Push Pull Stretch		Freezing Evaporating Water Cycle	Thermal insulator Electrical insulator Electrical conductor Thermal conductor Soluble Insoluble Solution Mixture Filter Sieve Reversible change Non-reversible change Burning Rusting	
	Plants plant, leaf, root, flower, petal, bulb, plant, grow,	Plants: Leaf Petal Root Stalk Branch Seed Stem	Plants: Light Shade Sun Warm Cool Water Grow Healthy	Plants: Photosynthesis Wind pollination Pollen Wind dispersal Insect pollination Water dispersal			
			Living Things: Habitats		Living Things and habitats:	Living Things and habitats:	Living Things and habitats:

			Micro-habitats Food chains Leaf litter Suited Suitable Ocean Rainforest		Classification Classification key Habitat Human impact Environment Migrate	Sexual Asexual Fertilisation Sperm Metamorphosis	Vertebrates Invertebrates Flowering Non-flowering Reptiles Mammals Amphibians Birds Fish Insects Spiders
					Electricity Battery Cell Bulb Motor Negative Positive Mains Component Short circuit Complete circuit		Electricity: Cell Battery Voltage Buzzer Motor Switch
	Earth and Space Earth Moon Planet space Sun					Earth and Space: Sun Rotates Orbits Spherical Mercury	

	star					Venus Earth Jupiter Saturn Uranus Neptune Solar System	
	Sound sound, noise, listen, hear, music, voices,				Sound: Vibraton / Vibrate Source Sound Pitch Volume Faint Loud Insulation		
	Forces float, sink, up, down, top, bottom, surface, move,			Forces: Force North Pole South Pole Magnetic material Metal Attract Repel		Forces: Force Gravity Friction Mechanism Lever Pulley Gear Air resistance Water resistance	
	Seasons: (introduce)	Seasons: Weather Rainy					

	Summer Day Spring Dark Autumn light Winter Night Season	Sunny Snowy Summer Autumn Spring Winter					
							Evolution and Inheritance: Species Adapted Offspring Inherited Suited Evolve Vary Environment Fossils
	Light Sun, sunny, light, shadow, shady, clouds, torch, see- through, not see-through, source,			Light: Light Opaque Surface Light source Transparent Shiny Shadow Reflect			Light: Matt Transparent Light rays Light source Translucent Opaque Reflect

	light source						
				Rock: Rock Crystals Granite Chalk soil Layers Fossil Boulder Marble texture			