

				Opaque/Transparent. Brick. Paper. Fabrics. Elastic. Foil.										
Year2	Questions Observing Equipment Tests Identifying Classifying Gather Recording Data	Seeds Bulbs Mature plants Water Light Suitable temperature Grow Healthy	Animals Humans Offspring Adults Survival Water Food Air Exercise Food Hygiene	Identify Compare Wood Metal Plastic Glass Brick Rock Paper Cardboard Squashing Bending Twisting Stretching	Compare Living Dead Alive Habitats Basic needs Micro-habitats Food chain									
Year3		roots, stem/trunk, leaves and flowers air, light, water, nutrients, soil, grow pollination, seed formation and seed dispersal, xylem, transport, photosynthesis breath, fertiliser	Skeletons, food, nutrition, muscles, support, protection, movement, food, carbohydrates, protein, dairy, fats, sugars, oils, saturated, unsaturated, movement, humans, animals, healthy, balanced, diet, vertebrate				Rock, physical properties, fossils, formed, organic matter, nutrients, fossilisation, mould, cast	Reflect, absence, surfaces, dark, opaque, transparent, translucent, eyes, shadows, mirror	Magnets, poles, attract, repel, gravity, friction, push, pull, compare, group, materials, opposite, compass, North, South, East, West, direction, bearing, strength					

			s, invertebrates, spine, exoskeleton, endoskeleton, inside, outside, grow, shed, replace,											
Year 4			Digestive system Mouth Tongue teeth oesophagus stomach small and large intestine carnivore herbivore			Plant animal habitat flowering and non- flowering plants (ferns and mosses) vertebrae fish amphibians reptiles birds, mammals invertebrate snails slug worms spider insects nature reserves ecologically planned parks pollution deforestation				Solids Liquids Gases Heat Cool degrees Celsius temperature evaporation condensation water cycle condenses	Vibrating vibrations travel medium pattern pitch vibration fainter patterns insulate	electrical circuit cells wires bulbs, switches buzzers simple series circuit conductors insulators motor symbol		
Year 5			Puberty Gestation Length Mass Develop	Magnetism Reversible Evaporating Melting Dissolving		Local environment Life-cycle Naturalists			Falling Air resistance Observe Force				Day Night Sun Star Mercury	

				Burning Rusting Reaction Electrical Thermal Substance Solution Separated Filtering Sieving		Animal behaviouris ts Reproducti on Sexual Asexual Rainforest Desert Mammal Amphibian Insect bird			Friction Levers Pulleys Galileo Gravitation Water resistance			Venus Earth Mars Jupiter Saturn Uranus Neptune Pluto Dwarf Celestial Orbit Solar system Spherical Rotation	
Year 6			Circulatory system heart blood vessels blood diet exercise drugs transportat ion		micro- organisms, invertebrat e vertebrae classificati on		source periscope rainbow				lamp buzzer voltage components circuits switches series circuits parallel circuits	fossils offspring adaptation variation	