

Science Vocabulary Coverage – showing progression in skill and content

Year 1		Year 2		Year 3		Year 4		Year 5		Year 6	
<b>Plants</b>		<b>Plants</b>		<b>Plants</b>							
Identify Name Describe Explore Answer Compare Contrast Group	Wild Common Garden Plants Trees Flowering Deciduous Evergreen Leaves Flowers Blossom Petals Fruit Roots Bulb Seed Trunk Branches Stem	Observe Describe Find out Use Record Comparative test	Seeds Bulbs Mature Plants Grow Survive Water Light Temperature Healthy Germination Reproduction	Identify Describe Explore Investigate Focus Compare Observe Look for patterns	Structure Function Roots Stem Trunk Leaves Flowers Requirements Life Growth Reproduction Air Light Water Fertiliser Nutrients Soil Transportation Life cycle Pollination Seed formation Seed dispersal						
<b>Animals, including humans</b>		<b>Animals, including humans</b>		<b>Animals, including humans</b>		<b>Animals, including humans</b>		<b>Animals, including humans</b>		<b>Animals, including humans</b>	
Identify Name Describe Compare Draw Label Explore Observe Contrast	Fish Amphibians Reptile Bird Mammal Common Pets Carnivore Herbivore Omnivore Human body Senses Head Neck Arms Elbows Legs Knees Face Ears Eyes	Notice Find out Describe Observe Measure Question Suggest	Offspring Adult Survival Water Food Air Exercise Food Nutrition Hygiene Egg Chick Chicken Egg Caterpillar Pupa Butterfly Spawn Tadpole Frog Lamb	Identify Continue to learn Group Observe Compare Contrast Explore Research Diagrams	Nutrition Skeleton Muscles Support Protection Movement Main body parts Function Diet	Describe Identify Construct Interpret Explore Question Understand Compare Suggest reasons Find out Draw Discuss	Functions Digestive system Teeth Food chains Producers Predators Prey Mouth Tongue Oesophagus Stomach Small intestine Large intestine Carnivore Herbivore Differences	Describe the changes Draw Learn Research Compare Find out Record	Humans Develop Development Baby Old age Stages Growth Length Mass Changes Puberty Gestation periods	Identify Name Describe Recognise the impact Describe the ways Build on learning Explore Answer Understand	Circulatory system Function Heart Blood Blood vessels Diet Exercise Drugs Substances Life styles Health Healthy Damaged Harmful Nutrients Water Transported Body parts Internal organs Skeletal system Digestive system Muscular system

	Hair Mouth Teeth Texture Sound Smell		Sheep Baby Toddler Child Teenager								
		<b>Living things and their habitats</b>				<b>Living things and their habitats</b>		<b>Living things and their habitats</b>		<b>Living things and their habitats</b>	
		Explore Compare Identify Describe Name Question Answer Sort Classify Record Chart Construct Find out	Difference Characteristics Living Alive Dead Never been alive Healthy Habitat Microhabitat Environment Shelter Life processes Conditions Basic needs Dependent Food source Food chain Seashore Woodland Ocean Rainforest			Recognise Group Explore Identify Name Question Answer Guides Keys Observe Research	Living things Classification Keys Environment Change Dangers Habitat Grouping Selection Animals Flowering plants Nonflowering plants Ferns Mosses Vertebrate Fish Amphibians Reptiles Birds Mammals Invertebrates Snails Slugs Worms Spiders Insects	Describe the differences Describe Study Question Observe Find out Compare Suggest reasons Grow	Life cycle Mammal Amphibian Insect Bird Life process Reproduction Reproduce Sexual Asexual Plants Animals Living things Naturalists Animal behaviourists Rainforests Oceans Deserts Prehistoric Similarities Differences Parent plant Seeds Stem Root cutting Tubers Bulbs Hatching Rearing	Describe how Give reasons Build on learning Discuss reasons Find out Use Research	Living things Classify Classification Keys Groups Observable Specific Characteristics Similarities Differences Animals Plants Micro-organisms Sub-divided Invertebrates Insects Spiders Snails Worms Vertebrates Fish Amphibians Reptiles Birds Mammals Environment Habitat
<b>Materials</b>		<b>Materials</b>		<b>Rocks</b>		<b>States of Matter</b>		<b>Materials</b>			
Distinguish Identify Name Describe Compare Group Simple tests Explore Question	Object Material Wood Plastic Glass Metal Water Rock Brick Paper Fabric Elastic Foil	Identify Compare Find out Discuss Think Observe Classify Record	Suitability Wood Metal Plastic Glass Brick Rock Paper Cardboard Particular use Suitable Unsuitable Object	Compare Group Describe Recognise Explore Observe Use Identify Classify Research Discuss Investigate Question	Rocks Soils Organic matter Appearance Properties Fossils Grains Crystals Formation Environment Buildings Gravestones Sedimentary	Compare Group Classify Observe Measure Research Identify Explore Record Investigate	Materials Substance Solids Shape Liquids Pool Gases Escape State of matter Change state Heated Cooled Temperature	Compare Group Know Describe Decide Give reasons Evidence Comparative test Fair test Demonstrate Explain Explore Find out	Materials Properties Response Harness Solubility Transparency Conductivity Electrical Thermal Magnetism Solids Gases Liquid		

	Properties Hard/soft Stretchy/stiff Shiny/dull Rough/smooth Bendy/not Waterproof/not Absorbent/not Opaque/transparent		Shape Solid Squashing Bending Twisting Stretching	Answer			Celsius Water Chocolate Butter Cream Evaporation Condensation Melts Dries Water cycle	Answer Observe Research Discuss	Dissolve Mixing Substance Solution Mixtures Separate Recover Filtering Sieving Melting Burning Evaporating Metals Woods Plastics Change state Reversible Irreversible Chemical change Polymers	
			<b>Forces</b>			<b>Forces</b>				
			Compare Notice Observe Group Describe Predict Explore Question Test Gather Record Answer Fair Sort Look for patterns Identify Suggest	Surfaces Materials Force Magnet Magnetic magnetism Contact Distance Attract Repel Poles Bar magnet Ring magnet Button magnet Horseshoe magnet Move Strength Relation Properties		Explain Identify Recognise Explore Question Observe Experience Design Make Fair test Use	Objects Force Effect Move Movement Fast Slow Stops Brake Earth Gravity Fall Air resistance Parachutes Sycamore seeds Water resistance Friction Surface Mechanism Levers Pulleys Gears			
			<b>Electricity</b>			<b>Electricity</b>				
			Identify Construct Name Recognise Draw Use Observe Find patterns	Electricity Appliance Devices Electric circuit Components Cells Wires Bulbs		Associate Compare Give reasons Use Diagram Build on learning Systematically identify Design	Voltage Cells Circuit Brightness Lamp Volume Buzzer Switch			

				Switches Open Close Buzzers Motors Lamp Battery Complete loop Gap Conductors Insulators Metals		Make	Bulb Motor Variation Components Function Represent Symbols Effect		
		<b>Light</b>		<b>Sound</b>			<b>Light</b>		
		Recognise Notice Find patterns Explore Think Look for Measure Answer Look for patterns	Light Dark See Eyes Protection Sun Light source Reflected Surfaces Shadows Object Opaque Mirror Size Shape	Identify Recognise Find patterns Explore Investigate Make Play	Sound Vibrating Vibrations Travel Medium Ear Pitch Features Produce Source Volume Strength Fainter Distance Musical instrument Objects Sizes Thickness Material Insulation	Recognise Use the idea Explain Build on learning Predict Investigate	Light Travel Straight lines Bent Light source Give out Reflect Reflection Objects Shadows Shape Eye Periscope Colour Coloured filters Rainbow Soap bubbles		
<b>Seasonal Change</b>						<b>Earth and Space</b>	<b>Evolution and Inheritance</b>		
Observe Describe Talk Table Chart Display	Seasons Spring Summer Autumn Winter Weather Day length					Describe Use the idea Explain Learn Understand Find out Compare Create	Movement Earth Sun Star Moon Sky Spherical bodies Celestial Solar system Planets Mercury Venus Earth Mars Jupiter Saturn	Recognise Identify how Build on learning Find out Observing Question Compare Analyse	Living things Changed Fossils Inhabited Offspring Vary Variation Identical Non identical Characteristics Passed Breeds Animals Plants Adapted Adaptation

					Uranus Neptune Relative Rotation Orbit Day Night Time Shadow clock Sundial Astronomical clock Geocentric Heliocentric		Environment Survive Evolution Cactuses Penguins Camels Advantages Disadvantages
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Science skill

Science Content