

Key vocabulary in science – Galliard Primary School

| Key vocabulary | | | | | |
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| Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| Seasonal changes Summer, Spring, Autumn, Winter, Sun, Day, Moon, Night, Light, Dark, Wind, Rain, Sunshine, Sleet, Hail, Fog | | | | | |
| Everyday materials Wood, Plastic, Glass, Paper, Water, Metal, Rock, Hard, Soft, Bendy, Rough, Smooth | Uses of everyday materials Hard, Soft, Stiff, Shiny, Dull, Rough, Smooth, Bendy, Stretchy, Squashy, Twisting, Waterproof, Absorbent, Opaque, Transparent, Translucent | | | Properties and changes of materials Thermal conductor, Thermal insulator, Electrical conductor, Electrical insulator, Dissolve, Solution, Soluble, Insoluble, Reversible change, Irreversible change, Evaporation, Condensation, Transparency, Sieve, Filter, Mixture | |
| Animals including humans Fish, Reptiles, Mammals, Birds, Amphibians (+ examples of each) Herbivore, Omnivore, Carnivore, Leg, Arm, Elbow, Head, Ear, Nose, Back, Wings, Beak | Animals including humans Survival, Water, Air, Food, Adult, Child, Baby, Offspring, Exercise, Hygiene, Heartbeat, Breathing | Animals including humans Carbohydrates, Protein, Vitamins, Minerals, Fibre, Fat, Water, Skeleton, Bones, Muscles, Joints, Support, Protect, Move, Skull, Ribs, Spine | Animals including humans Digestion, Mouth, Saliva, Oesophagus, Stomach, Small intestine, Large intestine, Incisor, Canine, Molar, Herbivore, Carnivore, Omnivore, Producer, Predator, Prey, Food Chain | Animals including humans Foetus, Embryo, Womb, Gestation, Baby, Toddler, Teenager, Elderly, Growth, Development, Puberty | Animals including humans Circulatory system, Heart, Blood, Blood vessels, Pumps, Pulse rate, Lungs, Oxygen, Carbon dioxide, Nutrients, Water, Diet, Exercise, Drugs, Lifestyle |
| Plants Deciduous, Evergreen trees, Leaf, Flower, Blossom, Petal, Fruit, Seed, Berry, Root, | Plants Seed, Bulb, Water, Light, Temperature, Growth | Plants Air, Light, Water, Nutrients, Soil, Reproduction, Transportation, Seed | | | |

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| Trunk, Branch, Stem, Stalk, Bud | | dispersal, Pollination, Flower | | | |
| | Living things and their habitats Living, Dead, Habitat, Energy, Food chain, Predator, Prey, Woodland, Pond, Desert | | Living things and their habitats Classification, Environment, Habitat, Vertebrates, Fish, Amphibians, Reptiles, Birds, Mammals, Invertebrates, Insects, Human impact | Living things and their habitats Life cycle, Reproduction, Sexual reproduction, Asexual reproduction, Fertilise, Metamorphosis, Pollination, Mammal, Amphibian, Bird, Insect, Offspring | Living things and their habitats Classification, Characteristics, Organism, Micro-organism, Species Vertebrates, Invertebrates, Fish, Amphibians, Reptiles, Birds, Mammals, Insects |
| | | Rocks Porous, Non-porous, metamorphic, igneous, sedimentary, sediment, lava, magma, fossil | | | |
| | | Light Light, Dark, Transparent, Translucent, Opaque, Surface, Shadow, Reflective, Mirror | | | Light Light, Reflection, Shadow, Straight lines, Light rays, Refraction, Transparent, Translucent, Opaque |
| | | Forces and magnets Magnetic, Force, Contact, Attract, Repel, Friction, Poles, Push, Pull, Gravity | | | |
| | | | States of matter Solid, Liquid, Gas, Melting, Melting point, Freezing, Boiling point, Evaporation, Temperature | | |
| | | | Sound Sound, Sound source, Vibrate, Vibrations, Sound wave, Travel, Pitch, Volume, Faint, Loud, Insulation | | |

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| | | | Electricity Electricity, Circuit, Component, Cell, Battery, Bulb, Switch, Buzzer, Wires, Motor, Conductor, Insulator | | Electricity Circuit, Complete circuit, Circuit symbol, Cell, Battery, Bulb, Buzzer, Motor, Switch, Voltage, Conductor, Insulator, Resistance |
| | | | | Forces Force, Gravity, Air resistance, Water resistance, Friction, Mechanisms, Levers, Pulleys, Gears | |
| | | | | Earth and Space Earth, Sun, Moon, (Mercury, Jupiter, Saturn, Venus, Mars, Uranus, Neptune), Spherical, Solar System, Rotation, Star, Orbit, Planets | |
| | | | | | Evolution and inheritance Evolution, Inheritance, Reproduction, Offspring, Variation, Characteristics, Adaptation, Environment, Species, Fossils |

Where there is a lot of key vocabulary, use the red words for your Never Heard the Word activity or if the topic is split over two half terms (e.g plants in Year 3), the vocabulary can be split over the two half terms.

N.B. Electricity - Children do not need to understand what voltage is, but will use volts and voltage to describe different batteries. The words “cells” and “batteries” are now used interchangeably.

