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| **Working Scientifically Vocabulary** | | | | | | |
| **Early Years** | **Year 1 & Year 2** | | **Year 3 & Year 4** | | **Year 5 & Year 6** | |
| * question * answer * how * why * equipment * comment * ideas * choose * technology * look closely * similarity * difference * change * talk about * draw * create * experience * environment * explain | * question * answer * observe * observing * equipment * identify * sort * diagram * chart * compare * contrast * describe * group * record | * question * answer * observe * observing * equipment * identify * classify * sort * diagram * chart * map * data * compare * contrast * describe * biology * chemistry * physics * group * record | * experiment * fair test * prediction * observation * thermometer * temperature * microscope * accuracy * results * diagram * conclusion | * experiment * fair test * variables * prediction * observation * thermometer * temperature * microscope * accuracy * results * diagram * conclusion * enquiry | * fair test * dependent variable * independent variable * control variables * prediction * observation * accurate * average * reliable * pattern * relationship * rogue * conclusion * improvement * comparative test | * fair test * dependent variable * independent variable * control variables * prediction * observation * accurate * average * reliable * trend * pattern * causal * relationship * rogue * conclusion * improvement * precision |

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|  | **Animals Including Humans** | | | | | |
| **EYFS** | **Year 1 & Year 2 (A)** | **Year 1 & Year 2 (B)** | **Year 3 & Year 4 (A)** | **Year 3 & Year 4 (B)** | **Year 5 & Year 6 (A)** | **Year 5 & Year 6 (B)** |
| * animal * human * body * grow * baby * child * adult * exercise * food * healthy * eating * sleeping * clean * health | * common animals * fish * amphibians * reptiles * birds * mammals * pets * senses * tongue - taste * nose - smell * eyes - vision * skin - touch * ears - hearing * head * neck * arms * elbows * legs * knees * face * ears * eyes * hair * mouth * teeth * omnivores * meat and plants * badger * human * bear * chickens * carnivores * meat * cat * dog * lion * tiger * fox * shark * killer * whale * eagle * hawk * snake * Tyrannosaurus rex | * basic need * offspring * water * food * air * exercise * hygiene * adult * amount | * nutrition * energy * healthy * grow * nutrition * omnivores * carnivores * herbivores * vitamins * minerals * fat * carbohydrate * protein * organ * balanced * diet * dairy * sugary | * 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 |

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|  | **Living Things and their Habitats** | | | | | |
| **EYFS** | **Year 1 & Year 2 (A)** | **Year 1 & Year 2 (B)** | **Year 3 & Year 4 (A)** | **Year 3 & Year 4 (B)** | **Year 5 & Year 6 (A)** | **Year 5 & Year 6 (B)** |
| * Wildlife * Animals * Insects * Plants * People * Environment |  | * 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 * Ecosystem | * Mammal * Reproduction * Insect * Amphibian * Bird * Offspring | * Classification * Vertebrates * Invertebrates * Micro-organisms * Amphibians * Reptiles * Mammals * Insects |

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|  | **Plants** | | | | | |
| **EYFS** | **Year 1 & Year 2 (A)** | **Year 1 & Year 2 (B)** | **Year 3 & Year 4 (A)** | **Year 3 & Year 4 (B)** | **Year 5 & Year 6 (A)** | **Year 5 & Year 6 (B)** |
| * Plant * Tree * Grow * Fruit * Vegetable * Water * Light * Warmth * soil | * Leaves * Flowers (blossom) * Petals * Fruit * Roots * Bulb * Seed * Trunk * Branches * Stem | * Seeds * Bulbs * Water * Light * Temperature * Growth | * Air * Light * Water * Nutrients * Soil * Reproduction * Transportation * Dispersal * Pollination * Flower |  |  |  |

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|  | **Evolution and Inheritance** | | | | | |
| **EYFS** | **Year 1 & Year 2 (A)** | **Year 1 & Year 2 (B)** | **Year 3 & Year 4 (A)** | **Year 3 & Year 4 (B)** | **Year 5 & Year 6 (A)** | **Year 5 & Year 6 (B)** |
|  |  |  |  |  |  | * Fossils * Adaptation * Evolution, * Characteristics * Reproduction * Genetics |

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|  | **Seasonal Changes** | | | | | |
| **EYFS** | **Year 1 & Year 2 (A)** | **Year 1 & Year 2 (B)** | **Year 3 & Year 4 (A)** | **Year 3 & Year 4 (B)** | **Year 5 & Year 6 (A)** | **Year 5 & Year 6 (B)** |
| * Weather * Sun * Rain * Wind * Snow * Cold * Warm * Hot * day | * Summer * Spring * Autumn * Winter * Sun * Day * Moon * Night * Light * Dark |  |  |  |  |  |

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|  | **Materials and States of Matter** | | | | | |
| **EYFS** | **Year 1 & Year 2 (A)** | **Year 1 & Year 2 (B)** | **Year 3 & Year 4 (A)** | **Year 3 & Year 4 (B)** | **Year 5 & Year 6 (A)** | **Year 5 & Year 6 (B)** |
| * Material * Natural * Object * Texture * made from * build * construct * use. | * Wood * Plastic * Glass * Paper * Water * Metal * Rock * Hard * Soft * Bendy * Rough   Smooth | * Hard * Soft * Stretchy * Stiff * Shiny * Dull * Rough * Smooth * Bendy * Waterproof * Absorbent * Opaque * Transparent * Brick * Paper * Fabrics * Squashing * Bending * Twisting * Stretching * Elastic * Foil |  | * Solid * Liquid * Gas * Evaporation * Condensation * Particles * Temperature * Freezing * Heating | * Hardness * Solubility * Transparency * Conductivity * Magnetic * Filter * Evaporation * Dissolving * Mixing * Solute * Solvent * Soluble * Solution * Insoluble |  |

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|  | **Electricity** | | | | | |
| **EYFS** | **Year 1 & Year 2 (A)** | **Year 1 & Year 2 (B)** | **Year 3 & Year 4 (A)** | **Year 3 & Year 4 (B)** | **Year 5 & Year 6 (A)** | **Year 5 & Year 6 (B)** |
| * Electricity * Plug * Safety * Energy * On * Off * wire. |  |  |  | * Cells * Wires * Bulbs * Switches * Buzzers * Battery * Circuit * Series * Conductors * Insulators |  | * Cells * Wires * Bulbs * Switches * Buzzers * Battery * Circuit * Series * Conductors * Insulators * Amps * Volts * Cell |

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|  | **Earth and Space** | | | | | |
| **EYFS** | **Year 1 & Year 2 (A)** | **Year 1 & Year 2 (B)** | **Year 3 & Year 4 (A)** | **Year 3 & Year 4 (B)** | **Year 5 & Year 6 (A)** | **Year 5 & Year 6 (B)** |
| * Earth * World * Space * Stars * Rocket * Astronaut * Sun * Moon * planets. |  |  |  |  | * Earth * Sun * Moon * Axis * Rotation * Day * Night * Phases of the Moon * Star * Constellation |  |

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|  | **Forces and Magnets** | | | | | |
| **EYFS** | **Year 1 & Year 2 (A)** | **Year 1 & Year 2 (B)** | **Year 3 & Year 4 (A)** | **Year 3 & Year 4 (B)** | **Year 5 & Year 6 (A)** | **Year 5 & Year 6 (B)** |
| * Magnet * Push * Pull |  |  | * Magnetic * Force * Contact * Attract * Repel * Friction * Poles * Push * Pull |  | * Air resistance * Water resistance * Friction * Gravity * Newton * Gears * Pulleys |  |

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|  | **Light** | | | | | |
| **EYFS** | **Year 1 & Year 2 (A)** | **Year 1 & Year 2 (B)** | **Year 3 & Year 4 (A)** | **Year 3 & Year 4 (B)** | **Year 5 & Year 6 (A)** | **Year 5 & Year 6 (B)** |
| * Light * Dar * Sun * Eyes * See |  |  | * Light * Shadows * Mirror * Reflective * Dark * Reflection |  |  | * Refraction * Reflection * Light * Spectrum * Rainbow * Colour |

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|  | **Sound** | | | | | |
| **EYFS** | **Year 1 & Year 2 (A)** | **Year 1 & Year 2 (B)** | **Year 3 & Year 4 (A)** | **Year 3 & Year 4 (B)** | **Year 5 & Year 6 (A)** | **Year 5 & Year 6 (B)** |
| * Sound * Noise * Loud * Quiet * Whisper * Shout * Sing * Music |  |  |  | * Volume * Vibration * Wave * Pitch * Tone * Speaker |  |  |

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|  | **Rocks and Soils** | | | | | |
| **EYFS** | **Year 1 & Year 2 (A)** | **Year 1 & Year 2 (B)** | **Year 3 & Year 4 (A)** | **Year 3 & Year 4 (B)** | **Year 5 & Year 6 (A)** | **Year 5 & Year 6 (B)** |
| * Fossils * Soils * Rocks * Hard * Soft |  |  | * Fossils * Soils * Sandstone * Granite * Marble * Pumice * Crystals, * Absorbent |  |  |  |