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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
 |  |  |  |

|  |  |
| --- | --- |
|  | **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
 |  |  |  |  |  |

|  |  |
| --- | --- |
|  | **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
 |

|  |  |
| --- | --- |
|  | **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
 |  |

|  |  |
| --- | --- |
|  | **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
 |

|  |  |
| --- | --- |
|  | **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
 |  |  |  |