



Rimrose Hope CE Primary School  
Faith in our children - the hope for the future.

# Year 3/4

## Scientific Vocabulary

Taken from Plan Assessment

Vocabulary linked to other topics listed.

## Scientific Enquiry

Practical Work	Fair Testing
Relationships	Accurate
Thermometer	Data logger
Stopwatch	Timer
Estimate	Data
Diagram	Identification key
Chart	Bar chart
Prediction	Similarity
Difference	Evidence
Information	Findings
Criteria	Values
Properties	Characteristics
Conclusion	Explanation
Reason	Evaluate
Improve	

## Sound

Sound	Source
Vibrate	Vibration
Travel	Pitch (High, low)
Volume	Faint
Quite	Loud
Insulation	

## Electricity

Electricity	Electrical appliance/device
Mains	Plug
Electrical circuit	Complete circuit
Component	Cell
Battery	Positive
Negative	Connect/Connections
Loose connections	Short circuit
Crocodile clip	Bulb
Switch	Buzzer

Motor	Conductor
Insulator	Metal
Non-metal	Symbol

## Forces and Magnets

Force	Push
Pull	Twist
Contact force	Non-contact force
Magnetic force	Magnet
Strength	Bar magnet
Ring magnet	Button magnet
Horseshoe magnet	Attract
Repel	Magnetic material
Metal	Iron
Steel	Poles
North Pole	South Pole

## Plants

Photosynthesis	Pollen
Insect/wind pollinator	Male
Female	Seed formation
Seed dispersal (wind/animal/water)	Air
Nutrients	Minerals
Soil	Absorb
Transport	

Also included vocabulary from:  
Living Things and Their Habitats

## Living Things and Their Habitats

Classification	Classification keys
Environment	Habitat
Human impact	Positive
Negative	Migrate
Hibernate	

Also included vocabulary from:

Plants

Animals Including Humans

## Rocks

Rock	Stone
Pebble	Boulder
Grain	Crystals
Layers	Hard
Soft	Texture
Absorbs water	Fossil
Bone	Flesh
Minerals	Marble
Chalk	Granite
Sandstone	Slate

Types of Soil (peaty, sandy, chalky and clay)

## Light

Light	Light source
Dark	Absence of light
Surface	Shadow
Reflect	Mirror
Sun	Sunlight
Dangerous	

## States of Matter- Materials

Solid	Liquid
Gas	Heating
Cooling	State Change
Melting	Freezing
Melting point	Boiling
Boiling point	Evaporation
Condensation	Temperature

Water cycle	
Also included vocabulary from:	
Rocks	
Forces and magnets	
Electricity	
<b>Animals Including Humans</b>	
Nutrition	Nutrients
Carbohydrates	Sugars
Protein	Vitamins
Minerals	Fibre
Fat	Water
Skeleton	Bones
Muscles	Joints
Support	Protect
Move	Skull
Ribs	Spine
Digestive system	Digestion
Mouth	Teeth
Saliva	Oesophagus
Stomach	Small intestine
Large intestine	Rectum
Anus	Incisor
Canine	Molar
Premolar	Herbivore
Carnivore	Omnivore
Producer	Predator
Prey	