



# Science Vocabulary Grid

	Autumn		Spring		Summer	
	1.1.	1.2.	2.1.	2.2.	3.1.	3.2.
<b>YR</b>	<b>Special You</b> <ul style="list-style-type: none"> <li>• similarities</li> <li>• differences</li> <li>• environment</li> <li>• process</li> <li>• season</li> <li>• autumn</li> <li>• spring</li> <li>• summer</li> <li>• winter</li> </ul>	<b>Season to Season</b> <ul style="list-style-type: none"> <li>• season</li> <li>• spring</li> <li>• summer</li> <li>• autumn</li> <li>• winter</li> <li>• hibernate</li> <li>• frost</li> <li>• ice</li> <li>• village</li> </ul>	<b>What are Other Places Like?</b> <ul style="list-style-type: none"> <li>• polar</li> <li>• temperature</li> <li>• ice</li> <li>• snow</li> <li>• Arctic</li> <li>• Antarctic</li> <li>• habitat</li> <li>• iceberg</li> <li>• blubber</li> </ul>	<b>Beyond the Sky</b>	<b>What is Africa Like?</b> <ul style="list-style-type: none"> <li>• rainforest</li> <li>• canopy</li> <li>• tropical</li> <li>• equator</li> <li>• climate</li> <li>• vegetation</li> </ul>	<b>How Wonderful is our World?</b>
<b>Y1</b>	<b>In the Wild Wood</b> <ul style="list-style-type: none"> <li>• Geography &amp; RE (Judaism) Focus</li> </ul> <b>Toppers &amp; the Porridge Thief</b> <ul style="list-style-type: none"> <li>• Art Focus</li> </ul>	<b>Rats, Toys &amp; Kings</b> <ul style="list-style-type: none"> <li>• materials</li> <li>• properties</li> <li>• plastic</li> <li>• metal</li> <li>• wood</li> <li>• glass</li> <li>• paper</li> <li>• variety</li> <li>• identify</li> </ul> <b>Remember, Remember</b> <ul style="list-style-type: none"> <li>• History Focus</li> </ul>	<b>Wonderful Me</b> <ul style="list-style-type: none"> <li>• body</li> <li>• human</li> <li>• senses</li> <li>• smell</li> <li>• touch</li> <li>• taste</li> <li>• heart</li> <li>• sight</li> </ul> <b>Danger at Sea</b> <ul style="list-style-type: none"> <li>• Geography &amp; History Focus</li> </ul>	<b>New Beginnings, New Life</b> <ul style="list-style-type: none"> <li>• RE (Christianity) Focus</li> </ul>	<b>Powerful Plants</b> <ul style="list-style-type: none"> <li>• deciduous</li> <li>• evergreen</li> <li>• branch</li> <li>• roots</li> <li>• leaves</li> <li>• stem</li> <li>• trunk</li> </ul>	<b>The Carnival of the Animals</b> <ul style="list-style-type: none"> <li>• identify</li> <li>• fish</li> <li>• amphibians</li> <li>• reptiles</li> <li>• birds</li> <li>• mammals</li> <li>• carnivores</li> <li>• herbivores</li> <li>• omnivores</li> </ul> <b>Around the World</b> <ul style="list-style-type: none"> <li>• RE (Christianity) Focus</li> </ul>
<b>Y2</b>	<b>Deep in the woods</b> <ul style="list-style-type: none"> <li>• animal</li> <li>• offspring</li> <li>• adult</li> <li>• life</li> <li>• cycle</li> <li>• baby</li> <li>• young</li> <li>• old</li> <li>• grow</li> </ul> <b>Jesus as Saviour</b> <ul style="list-style-type: none"> <li>• RE (Christianity) Focus</li> </ul>	<b>Incredible You</b> <ul style="list-style-type: none"> <li>• healthy</li> <li>• food</li> <li>• exercise</li> <li>• hygiene</li> <li>• water</li> </ul> <b>Where in the World</b> <ul style="list-style-type: none"> <li>• Geography Focus</li> </ul>	<b>I Spy With My Little Eye</b> <ul style="list-style-type: none"> <li>• brick</li> <li>• rock</li> <li>• paper</li> <li>• cardboard</li> <li>• hard</li> <li>• tough</li> <li>• strong</li> <li>• weak</li> <li>• durable</li> <li>• water</li> <li>• proof</li> <li>• light</li> <li>• heavy</li> </ul>	<b>How do Christians Pray</b> <ul style="list-style-type: none"> <li>• RE (Christian) Focus</li> </ul> <b>Man on the Moon</b> <ul style="list-style-type: none"> <li>• History Focus</li> </ul>	<b>The Secret Garden</b> <ul style="list-style-type: none"> <li>• grow</li> <li>• growth</li> <li>• lifecycle</li> <li>• mature</li> <li>• temperature</li> </ul> <b>Why do Christian follow Jesus</b> <ul style="list-style-type: none"> <li>• RE (Christianity) Focus</li> </ul>	<b>Wild and Wonderful</b> <ul style="list-style-type: none"> <li>• living</li> <li>• alive</li> <li>• habitats</li> <li>• microhabitats</li> <li>• food chain</li> </ul> <b>How do Muslims show compassion</b> <ul style="list-style-type: none"> <li>• RE (Islam) Focus</li> </ul>
<b>Y3</b>	<b>Submit or Obey</b> <ul style="list-style-type: none"> <li>• RE (Islam) Focus</li> </ul> <b>Rock of Ages</b> <ul style="list-style-type: none"> <li>• History Focus</li> </ul>	<b>Bones &amp; Other Bits</b> <ul style="list-style-type: none"> <li>• nutrition</li> <li>• bone</li> <li>• skeleton</li> <li>• muscle</li> <li>• proteins</li> <li>• carbohydrates</li> <li>• dairy</li> <li>• fats</li> </ul>	<b>Extreme Earth</b> <ul style="list-style-type: none"> <li>• igneous</li> <li>• metamorphic</li> <li>• sedimentary</li> <li>• fossils</li> <li>• rock</li> <li>• erosion</li> <li>• soil</li> <li>• porous</li> </ul>	<b>Magnificent Magnets</b> <ul style="list-style-type: none"> <li>• magnetic</li> <li>• push</li> <li>• pull</li> <li>• magnetic force</li> <li>• non-magnetic</li> <li>• attract</li> <li>• repel</li> <li>• materials</li> </ul>	<b>I Can Grow</b> <ul style="list-style-type: none"> <li>• stem</li> <li>• roots</li> <li>• bud</li> <li>• seed</li> <li>• seed formation</li> <li>• seed dispersal</li> <li>• oxygen</li> <li>• nutrients</li> </ul>	<b>Groovy Greeks</b> <ul style="list-style-type: none"> <li>• History Focus</li> </ul> <b>The Earth's Kingdom</b> <ul style="list-style-type: none"> <li>• RE (Christianity) Focus</li> </ul>

		<ul style="list-style-type: none"> <li>oils</li> </ul> <p><b>Shadowy showpiece</b></p> <ul style="list-style-type: none"> <li>light</li> <li>reflected</li> <li>source</li> <li>shadows</li> <li>dark</li> <li>surface</li> <li>straight lines</li> <li>dangerous</li> <li>transparent</li> <li>translucent</li> </ul>	<ul style="list-style-type: none"> <li>permeability</li> <li>crystal</li> <li>mineral</li> </ul>	<p><b>Be Bold, Be Strong</b></p> <ul style="list-style-type: none"> <li>Re (Christianity) Focus</li> </ul> <p><b>Where My Wellies Take Me</b></p> <ul style="list-style-type: none"> <li>Geography Focus</li> </ul>	<ul style="list-style-type: none"> <li>absorb</li> <li>transported</li> <li>lifecycle</li> <li>pollination</li> </ul>	
<b>Y4</b>	<p><b>Ruthless Romans</b></p> <ul style="list-style-type: none"> <li>History Focus</li> </ul>	<p><b>Duty, Dharma and Diwali</b></p> <ul style="list-style-type: none"> <li>RE (Hinduism) Focus</li> </ul> <p><b>Rescue Mission</b></p> <ul style="list-style-type: none"> <li>RE (Christianity) Focus</li> </ul>	<p><b>Polluted Planet</b></p> <ul style="list-style-type: none"> <li>solids</li> <li>liquids</li> <li>gases</li> <li>melting</li> <li>boiling</li> <li>particles</li> <li>change of state</li> <li>frozen</li> <li>evaporation</li> <li>condensation</li> <li>precipitation</li> <li>collection</li> <li>water cycle</li> </ul>	<p><b>Chew, Poo &amp; You</b></p> <ul style="list-style-type: none"> <li>digestion</li> <li>molar, incisors &amp; canine teeth</li> <li>intestine</li> <li>colon</li> <li>oesophagus</li> <li>anus</li> <li>rectum</li> <li>nutrients</li> <li>absorbs</li> <li>saliva</li> <li>enzymes</li> <li>photosynthesis</li> <li>consumer</li> <li>decomposer</li> <li>producer (primary / secondary)</li> <li>predators</li> <li>prey</li> </ul> <p><b>Powerful Problems</b></p> <ul style="list-style-type: none"> <li>electricity</li> <li>circuit (complete/broken)</li> <li>battery</li> <li>cell</li> <li>wire</li> <li>bulb</li> <li>switch</li> <li>conductor</li> <li>insulator</li> <li>component</li> <li>current</li> </ul>	<p><b>What a Wonderful World</b></p> <ul style="list-style-type: none"> <li>biomes</li> <li>climate</li> <li>ecosystem</li> <li>habitat</li> <li>adaption</li> <li>biodiversity</li> </ul> <p><b>The Great Commission</b></p> <ul style="list-style-type: none"> <li>RE (Christianity) Focus</li> </ul>	<p><b>Mysteries of the Maya</b></p> <ul style="list-style-type: none"> <li>History Focus</li> </ul> <p><b>Sound</b></p> <ul style="list-style-type: none"> <li>volume</li> <li>vibrations</li> <li>vibrate</li> <li>pattern</li> <li>sound wave</li> </ul>
<b>Y5</b>	<p><b>Incredible Inventions</b></p> <ul style="list-style-type: none"> <li>achieve</li> <li>aesthetic</li> <li>criticise</li> <li>design</li> <li>develop</li> </ul>	<p><b>Fantastic Beasts</b></p> <ul style="list-style-type: none"> <li>reproduce / reproduction</li> <li>offspring</li> <li>development</li> <li>transformation</li> </ul>	<p><b>Amazing Egyptians</b></p> <ul style="list-style-type: none"> <li>History Focus</li> </ul>	<p><b>Humanism</b></p> <ul style="list-style-type: none"> <li>RE (Humanism) Focus</li> </ul> <p><b>Pilgrimage</b></p> <ul style="list-style-type: none"> <li>RE (Christianity) Focus</li> </ul>	<p><b>Are We Alone?</b></p> <ul style="list-style-type: none"> <li>spherical</li> <li>orb</li> <li>orbiting</li> <li>galaxy</li> <li>milky way</li> </ul>	<p><b>Human Highways</b></p> <ul style="list-style-type: none"> <li>circulatory system</li> <li>heart</li> <li>blood</li> <li>blood vessels</li> <li>arteries</li> </ul>

	<ul style="list-style-type: none"> <li>• durable</li> <li>• efficient</li> <li>• experiment</li> <li>• functional</li> <li>• imagine</li> <li>• innovative</li> <li>• properties</li> <li>• purpose</li> <li>• recommend</li> <li>• research</li> <li>• sustainable</li> <li>• user-friendly</li> </ul> <p><b>Pathways</b></p> <ul style="list-style-type: none"> <li>• RE (Hinduism) Focus</li> </ul>	<ul style="list-style-type: none"> <li>• metamorphosis</li> <li>• stages</li> <li>• sequence</li> <li>• survival</li> <li>• insect</li> <li>• larva / larvae</li> <li>• pupa / chrysalis</li> <li>• germination</li> <li>• seedling</li> <li>• mature plant</li> <li>• pollination</li> <li>• fertilisation</li> <li>• nectar</li> <li>• stamen</li> <li>• pistil</li> <li>• pollen</li> <li>• ovary</li> <li>• dispersal</li> <li>• nutrients</li> <li>• sunlight</li> <li>• soil</li> <li>• carbon dioxide</li> </ul>		<p><b>Raiders or Traders</b></p> <ul style="list-style-type: none"> <li>• History Focus</li> </ul>	<ul style="list-style-type: none"> <li>• terrestrial planets = mercury, Venus, earth, mars</li> <li>• Jovian = Jupiter, Saturn, Uranus, Neptune</li> <li>• radiation</li> </ul>	<ul style="list-style-type: none"> <li>• veins</li> <li>• capillaries</li> <li>• oxygen</li> <li>• carbon dioxide</li> <li>• lungs</li> <li>• pulse</li> <li>• valve</li> <li>• chamber</li> <li>• atrium (atria)</li> <li>• ventricle</li> <li>• circulation</li> </ul> <p><b>The New World</b></p> <ul style="list-style-type: none"> <li>• Geography Focus</li> </ul>
Y6	<p><b>Fight or flight</b></p> <ul style="list-style-type: none"> <li>• Geography &amp; History Focus</li> </ul>	<p>Fight or <b>Flight</b></p> <ul style="list-style-type: none"> <li>• reflect</li> <li>• refract</li> <li>• light source</li> <li>• straight line</li> </ul> <p><b>Incarnation</b></p> <ul style="list-style-type: none"> <li>• RE (Christianity) Focus</li> </ul>	<p><b>Reaching the Roof of the World</b></p> <ul style="list-style-type: none"> <li>• Geography Focus</li> </ul>	<p><b>Darwin's Discoveries</b></p> <ul style="list-style-type: none"> <li>• adaptation</li> <li>• characteristics</li> <li>• classification</li> <li>• evolution</li> <li>• inheritance</li> <li>• natural selection</li> <li>• species</li> </ul> <p><b>Resurrection</b></p> <ul style="list-style-type: none"> <li>• RE (Christianity) Focus</li> </ul>	<p><b>Path to Enlightenment</b></p> <ul style="list-style-type: none"> <li>• RE (Buddhism) Focus</li> </ul>	<p><b>Trails &amp; Treasure!</b></p> <ul style="list-style-type: none"> <li>• voltage</li> <li>• cells</li> <li>• components</li> <li>• symbol</li> <li>• diagram</li> </ul>

### Learning Experience Focus

- Art
- Geography
- History
- RE
- Science