



**Science Vocabulary - Light 6**

RAG Words		Definition	Tally
dark		The environmental condition of the absence of light.	
light		Light is radiation that allows things to be seen. Sources include the Sun, fires and electrical devices.	
light source		This is the object which is the origin of light. The Sun is the main source of light on Earth.	
mat		Another word for dull material that does not reflect light well.	
opaque		Objects which do not allow any light through them. Opaque objects cast the darkest shadows.	
ray diagram		This is a picture showing how light rays travel.	
reflect		The ability of material to allow light to bounce off it.	
shadow		An area of darkness caused by an object blocking light from a light source.	
shiny		A word used to describe objects that reflect light well.	
straight lines		This is how light always travels.	
transparent		The name given to materials that allow all light to pass through them.	
translucent		Describes materials that allow only part of the light through them.	
opaque		Objects which do not allow any light through them. Opaque objects cast the darkest shadows.	



### Science Vocabulary - Rocks 3

RAG Words		Definition	Tally
crystal		A substance that has a certain geometric shape.	
drainage		Is the property of a material to allow water to move through it.	
fossil		This is the impression of the remains of a plant or animal embedded in the rock.	
hardness		Is the measure of resistance of a substance to being reshaped.	
igneous		Is formed when magma or lava from volcanoes cools.	
metamorphic		This is formed in the Earth, when high temperatures and pressure change the chemistry of igneous or sedimentary rocks.	
mineral		Minerals are solid chemicals that can be found in rocks.	
porous		Rocks that contain a network of spaces within them allowing water to pass through are porous.	
sedimentary		A type of rock that is formed when smaller particles of rock accumulate and are cemented together.	
soil		The upper layer of Earth and is a mixture of clay, rock particles and organic matter	
texture		The feel or appearance of a substance.	
weathering		Is the breaking down of rocks and minerals into smaller pieces.	



**Science Vocabulary - Evolution & Inheritance 6**

RAG Words		Definition	Tally
sexual reproduction		Before sexual reproduction occurs, the male peacock puts on a spectacular display of colour.	
asexual reproduction		A type of reproduction where 2 parents are not required to produce offspring.	
offspring		The result of reproduction in plants and animals.	
reproduction		The process by which 2 offspring are produced.	
variation		This is the differences between individuals of a species.	
characteristic		A feature of an individual animal or species.	
adaption		This is the process by which a species becomes suited to it's environment.	
environment		The surroundings in which an animal or plant inhabits.	
inherited		A characteristic passed on from parents or ancestors.	
evolution		The change of inherited characteristics of living things over successive generations.	
species		The largest group of living things that can produce offspring.	
fossil		The impression of the remains of plants or animals preserved in rock.	


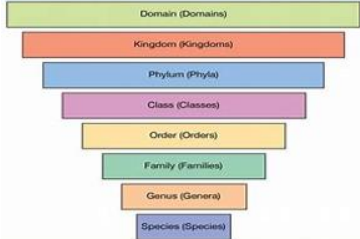



**Science Vocabulary - Living Things & Habitats 4**

RAG Words		Definition	Tally
classification		The grouping of species based on common characteristics.	
classification key		It is a system for classifying living things using questions that have 'yes/no' answers.	
environment		The surroundings or conditions in which plants and animals live.	
extinct		When individuals of a particular species no longer exist.	
habitat		A type of environment in which an organism is found.	
hibernate		The process of animals or plants becoming dormant in the Winter.	
human impact		Refers to the effects of human activity, both positive and negative on the natural environment and living things that occupy it.	
migration		The seasonal movement of an animal from one habitat to another.	
negative		An undesirable attribute or outcome.	
positive		A desirable attribute.	



**Science Vocabulary - Living Things & Habitats 6**

RAG Words		Definition	Tally
amphibians		A class of animal that inhabit both land and water. Known for their slimy skin.	
aorta		The main artery attached to the heart.	
birds		Birds are easily classified as animals with feathers.	
diaphragm		A sheet of muscle situated underneath the lungs and extends across the majority of the lower chest.	
DNA		Stands for deoxyribonucleic acid. DNA contains all the genetic information for species to make copies of themselves. We call these copies offspring, and they are not exactly the same as their parents.	
fish		A class of animal that lives in watery habitats. All have gills that allow them to extract oxygen from the water.	
flowering		Types of plant that periodically produce flowers.	
insects		Insects are invertebrates that have 3 parts to their body and 6 legs.	
invertebrates		Invertebrates are animals that do not have an internal skeleton.	
mammals		Animals that produce milk for their young.	
non-flowering		Types of plant that do not produce flowers at any time.	
reptiles		Scaly, cold-blooded animals found in a variety of forms and habitats.	
taxonomy		The scientific term for classification of living things.	
vertebrates		Animals that have internal skeletons.	



Science Vocabulary - Properties & Changes of Materials 5

RAG Words			Definition	Tally
burning				
change of state				
dissolve				
electrical conductor				
electrical insulator				
evaporation				
filtration				
insoluble				
irreversible change				
mixture				