

Key Questions for Learning and Assessment:

Key Questions to help assess understanding throughout the year and aid long-term memory retention:

	BIOLOGY		CHEMISTRY	PHYSICS	
YEAR 1	Animals including Humans - What are bodies and what can they do? - Are all animals the same?	Plants - What is a plant? - How do you know a plant is alive? - How does a plant grow? - What do all living things need to survive?	Everyday Materials - What are things made of? - How could you describe this material?	Seasonal Changes - Do living things change or stay the same? - What's the difference between winter and summer?	Pushes and Pulls - What makes things move? - What happens when you push or pull an object? Light and Dark - Where does light come from? - What are the differences between light and dark?
YEAR 2	Plants - What do living things need to survive? - Are all plants the same? Animals, including humans - How can living things stay healthy? - Can living things live forever?	Living things and their habitats - What is alive, dead or was never alive? - Are there any similarities and differences between these animals/plants? - How do animals live and grow?	Uses of Everyday Materials - How do we choose materials? - How would you sort these materials? - Can we change materials?		
YEAR 3	Plants Do living things need different things to survive?		Rocks and Soils Are all rocks the same?	Electricity - Can we control electricity? - How can I make a circuit? - How can I light a bulb?	Light - What is the dark? - How is a shadow formed? - Why does a shadow length change?

					Sound How do we hear different sounds?
YEAR 4	Animals including Humans What do our bodies do with food we eat?	Living things and their habitats - Living Things: What's the same and what's different? - What questions could you ask to sort a group of living animals/plants? - Are living things in danger?	States of matter Is water always wet?	Forces and Magnets - What is a force? - What can magnets do?	
YEAR 5	Plants - How do plants reproduce? - How do different plants stay alive? - Why are plants so important to us?	Evolution and Inheritance How do living things change over time and place?		Electricity - Can we vary the effects of electricity? - Which material would make the best switch? - How does this circuit work?	Light - How does light travel? - How do we see? Earth and Space - Sun, Earth and Moon: what is moving? - How do we get night and day? - Why does the shape of the moon change? - What's in our Solar System?
YEAR 6	Animals, including humans - How do my organs work? - How do our choices affect how our bodies work? - How do our bodies change as they get older?	Living things and their habitats - Do all Life cycles look the same? - Living things: What's the same and what's different? - How are groups of animals interdependent?	Properties and changes of materials - What are things made from and why? - Can we change materials?	Forces - How do things move? - How do you measure a force?	