

# Science CONCEPTS

Concepts are **broad ideas** that are **factual** & used to **define & explain**. They are universal & timeless. **These are the concepts that we teach through our Science Curriculum:**

Subject	Concept	Explanation
<b>Science</b>	<b>Structure</b>	Anything composed of parts arranged together in some way
	<b>Function</b>	A specific job or procedure
	<b>Variation</b>	The presence of differences between living things of the same species
	<b>Adaptation</b>	The process by which animals, plants and other living things have changed so that they better suit their habitat
	<b>Cause and effect</b>	Cause is why something happens Effect is what event has happened as a result of this
	<b>Changes</b>	Changing from one material/state to another
	<b>Evolution</b>	The way that living things change over time
	<b>Growth</b>	The process of increasing in size
	<b>Energy</b>	Strength and power. There are many forms such as thermal (heat), radiant (light) or kinetic (movement)
	<b>Process</b>	A series of actions or steps taken in order to achieve a particular end
	<b>Similarity and Difference</b>	Similarity is sameness or a likeness between things and differences are a point or way in which people or things are dissimilar
	<b>Working scientifically</b>	The processes of science: asking questions, designing experiments, reasoning and arguing with scientific evidence and analysing and interpreting data