

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