

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 | |