



Science
Enquire Observe Discover



Year Group	Unit Title	End points
5	Forces	• Know that gravity is a force of attraction between any two things that have mass. • Know air resistance and water resistance are forces against motion caused by objects having to move air or water out of their way. • Know some objects require large forces to make them move; gears, pulleys and levers can reduce the force needed to make things move.
5	Living things	• Describe the differences in the life cycle of a mammal, an amphibian, an insect and a bird. • Describe the life process of reproduction in some plants and animal. • Know plants reproduce both sexually and asexually. • Know most animals reproduce sexually. This involves two parents where the sperm from the male fertilises the female egg.
5	Properties and changes of materials	• Know materials have different uses depending on their properties and state. • Know some materials will dissolve in a liquid and form a solution while others are insoluble and form sediment. Mixtures can be separated by filtering, sieving and evaporation. • Recognise that some solids are insoluble, remaining as a sediment when mixed with water and can be recovered by filtration and sieving. • Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible. • Know that dissolving, mixing and changes of state are reversible changes.
5	Earth in space	• Describe the earth's movement and other planets in relation to the sun. • Describe the movement of the moon relative to the earth. • Know the sun appears to move across the sky because the Earth is spinning on its axis which is why we have day and night. • Know the moon, sun and earth are approximately spherical.