



Science

Enquire Observe Discover



Year Group	Unit Title	End points
3	Animals, including humans	• Know that the skeleton has three functions. • Different animals have different skeletons; there are 3 different types of skeleton. • All vertebrates have internal skeletons. • Many invertebrates have exoskeletons (external skeletons). • Know the main parts of a human skeleton. • Know the 3 different types of joints. • Bones are connected at joints.
3	Forces and magnetism	• Compare how things move on different surfaces (push or pull force). • Observe how magnets attract or repel each other and attract some materials and not others. • Sort materials by those which are attracted to magnets and those which are not. • Pushes and pulls are directly applied to the object (contact force) and some act at a distance, and do not directly touch the object (non contact force). • Know the ends of a magnet are called its poles.
3	Light	• Know that they need light to see and that dark is the absence of light. • Know that light is reflected off surfaces. • Know that light from the sun is dangerous and recognise ways to protect our eyes. • Know that shadows are formed by an opaque or translucent object blocking the light from the light source. • Find patterns in the way that shadows change.
3	Plants	• Many plants, but not all, have roots, stems/ trunks, leaves and flowers/blossom. • Identify and describe the functions of different parts of flowering plants. • Know the way water is transported within plants. • Know that pollen, produced by the male part of the flower, is transferred to the female part of other flowers (pollination). • Know what plants need for life and growth and how this varies from plant to plant.
3	Rocks and soil	• Know that fossils are formed by animal or plant remains being caught in rocks. • Know that rocks are millions of years old and group them using different categories. • Know the different types of rock names and how they formed. • Know that there are different types of soil and that soil is made of organic material and sediments of rock. • Know there are 3 layers of soil.