

Year 3 Objectives

Animals Including Humans

Identify that animals need the right type and amount of nutrition. They cannot make their own food. They get nutrition from what they eat.

Identify that humans and some animals have skeletons and muscles for support, protection and movement.

Light

Recognise that they need light in order to see things and that dark is the absence of light.

Recognise that light from the sun can be dangerous and that there are ways to protect their eyes.

Recognise that shadows are formed when the light from a light source is blocked by a solid object.

Notice that light is reflected from surfaces.

Find patterns that determine the size of shadows.

Forces and Magnets

Notice that some forces need contact between 2 objects but magnetic forces can act from a distance.

Observe that magnets repel or attract each other and some objects.

Compare and group everyday materials in terms of whether they are attracted to a magnet.

Predict whether 2 magnets will attract or repel depending on which poles are facing.

Describe Magnets as having 2 poles.

Rocks

Compare and group different types of rocks on the basis of appearance and simple physical properties

Describe in simple terms how fossils are formed when things that have lived are trapped within rock.

Recognise that soils are made from rocks and organic matter.

Plants

Identify and describe different parts of flowering plants; root, stem, leaves, flowers.

Explore the requirements for plants for life (air, light, nutrients, water, room to grow) and how they vary from plant to plant.

Investigate the way in which water is transported in plants.

Explore the part that flowers play in the life cycle of flowering plants including pollination, seed formation, seed dispersal.