

Year 4 Objectives

Electricity

Identify whether or not a lamp will light in a simple series circuit based on whether or not the lamp is part of a complete loop with battery.

Recognise that a switch opens and closes a circuit.

Recognise some common conductors and insulators and associate metals with being good conductors.

Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.

Sound

Identify how sounds are made, associating them with something vibrating.

Recognise that vibrations from sounds travel through a medium to the ear.

Find patterns between the pitch and volume of a sound and features of the object that produced it.

To recognise that sounds get fainter as the distance from the sound source increases.

States of Matter

Compare and group materials together according to whether they are solids, liquids or gases.

Observe that some materials change state when they are heated or cooled and measure or research the temperature at which this happens.

Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

Animals Including Humans

Describe the simple functions of the basic parts of the digestive system in humans.

Identify different types of teeth in humans and their simple functions.

Construct and interpret a range of food chains, identifying producers, predators and prey.

Living Things and their Habitats

Identify and name a range of living things in the local environment, using classification keys to assign them to groups.

Recognise that environments can change and that this can sometimes pose dangers to living things.

Recognise that living things can be grouped in a variety of ways.