

## Year 4 Science

<b>'Discover' Term</b>	
<b>Sound</b>	<ul style="list-style-type: none"><li>- identify how sounds are made, associating some of them with something vibrating.</li><li>- recognise that vibrations from sounds travel through a medium to the ear.</li><li>- find patterns between the pitch of a sound and features of the object that produced it.</li><li>- find patterns between the volume of a sound and the strength of the vibrations that produced it.</li><li>- recognise that sounds get fainter as the distance from the sound source increases.</li></ul>
<b>Electricity</b>	<ul style="list-style-type: none"><li>- identify common appliances that run on electricity.</li><li>- construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.</li><li>- 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 a battery.</li><li>- recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.</li><li>- recognise some common conductors and insulators, and associate metals with being good conductors.</li></ul>

### 'Explore' Term

**Living things and their habitats**

- recognise that living things can be grouped in a variety of ways.
- explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment.
- recognise that environments can change and that this can sometimes pose dangers to living things.

**Animals (including humans)**

- describe the simple functions of the basic parts of the digestive system in humans.
- identify the different types of teeth in humans and their simple functions.
- construct and interpret a variety of food chains, identifying producers, predators and prey.

### 'Belong' Term

**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 in degrees Celsius (°C).
- identify the part played by evaporation and condensation in the **water cycle** and associate the rate of evaporation with temperature.