



Pilgrim Progress - Science

Year 4



All Living Things

I can compare the classification of common plants and animals to living things found in other places.

I can explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment and based on feeding patterns.

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

Review	Teach	Practise	Apply	AFL

Animals Including Humans

I can describe the simple functions of the basic parts of the digestive system in humans.

I can identify the different types of teeth in humans and their simple functions.

I can construct and interpret a variety of food chains, identifying producers, predators and prey.

States of Matter

I can compare and group materials together, according to whether they are solids, liquids or gases.

I can 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)

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



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Sound

I can identify how sounds are made, associating some of them with something vibrating.

I can compare sources of sound and explain how the sounds differ.

I can recognise that vibrations from sounds travel through a medium to the ear.

I can find patterns between the pitch of a sound and features of the object that produced it and explain how the pitch can be changed.

I can find patterns between the volume of a sound and the strength of the vibrations that produced it.

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

Review Teach Practise Apply AFL

Electricity

I can identify common appliances that run on electricity.

I can construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers.

I can 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.

I can recognise that a switch opens and closes a circuit and associate this whether or not a lamp lights in a simple series circuit.

I can recognise some common conductors and insulators, and associate metals with being good conductors.
