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Light and shadow

How do we see?
Recognise how shadows are formed.
Recognise that light is reflected.

Rocks and soils.

Comparing and grouping.
Describing fossils.
What are soils made of?

Forces and magnets

Attract and repelling materials.
Identify two poles on a magnet.

Teeth and digestion

Parts of the digestive system.
Types of human teeth.
Interpret food chains.

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Plants and seeds.

Parts of a plant.
What plants need to grow. How water is transported.
Pollination.

Moving and growing

Human and animal muscles and skeletons.

Sound

How sound is made.
Vibrations, pitch and volume of a sound.

Electricity

What uses electricity?
Construct simple circuits.
Switches within a circuit.
Conductors of electricity.

States of matter

Solids, liquids and gas.
Heating and cooling.
Evaporation and condensation.

Habitats

Identify how living things can be grouped.
Use classification keys.
Environmental changes.

Forces

Gravity
Air resistance, water resistance and friction.
Levers. Pulleys and gears.
How things move on different surfaces.

Space

Recognising the movement of the moon and Earth in relation to the Sun.

Materials

Understand reversible and irreversible changes.

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Lifecycles

Life cycles of mammals, amphibians, insects and birds.
Reproduction in plants and animals.

Circulatory system

Names and functions of the circulatory system.
Impact of diet and exercise.
Nutrient and water transportation.
Nutrients come from the food we eat.

Electricity

Brightness and voltages. Components and their functions. Using symbols when drawing circuits.

Light

How light travels.
Light sources.

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Living things and their habitats

Characteristics.

Evolution and inheritance

How living things change over time. Variation in offspring.
Adaptations.

Secondary school ready!