

Nutrition, digestive system, healthy choices, outdoor survival, fire safety, basic first aid, introduction to ecosystems

Heart, blood, and blood vessels, lungs & breathing

Power in your body!

Exercise & power, muscles, bones

Summer

Sexual reproduction and sexual health

Reproductive organs & hormones, menstrual cycle, contraception, sexual reproduction, pregnancy

Photosynthesis

Amazing plants!

Powerful electricity

Spring

The ears, music, electricity & circuits, conductors and insulators, crystal structures, change of state

Plants, seeds & germination, Reproduction, seed dispersal

Light & sound waves, the eye, pin hole camera

Light & sound

Climate change, our planet working for survival

Autumn

Floods, heatwaves, climate change Butterflies, adaptations, ecosystems, Food chains, interdependence habitat destruction, waste & recycling

Climate, weather, clouds, water

Extreme Earth

Defying gravity

Extreme Earth

Spring

Air resistance, speed, rollercoasters, champions in speed, forces, pressure

World map, inside Earth, earthquakes, volcanoes

Summer

Around the home: bathroom

Hygiene & sweat, germs!, amazing water, teeth

Around the home: living room

Electricity, central heating, insulation, TVs, Lava lamps, bugs!

Around the home: kitchen

Insulators, reactions, acids & alkalis, hazards, storing food and decay

Heating and cooling, conductors

Around the home: kitchen

Autumn

KS3 Science

YEAR 1

Working Scientifically

KS2

Useful science skills

KS3

ANALYSE presenting data, analysing patterns, drawing conclusions, discussing limitations

COMMUNICATE constructing explanations, sharing ideas, critiquing claims and justifying opinions

ENQUIRE devising questions, testing hypotheses, planning to control variables and collecting data.

SOLVE estimating risks, examining consequences, interrogating sources and understanding how scientific ideas change over time.