



Science Year 7 Learning Journey

On to
YEAR
8

Temperature and Energy

How to use a thermometer, state changes, expansion, heat, conduction, convection and radiation.

Elements, Compounds and Mixtures

Materials and the periodic table, element symbols. How we separate mixtures.

Organism interactions, and human impacts, genetics introduction.

Energy and Electricity

Types of energy stores and how energy is transferred. Making electrical circuits, light bulbs and lighthouse challenge.

Interdependence and Variation

Particles and Matter

What is everything made of and how it behaves. How dissolving works.

Animals and plants, cells and organisms, viewing structures and functions.

Cells and Organisation

Working Like a Scientist

Working safely, using a Bunsen, choosing variables, drawing graphs, completing experiments

Start
YEAR
7

Space, Forces,
Light and
Electricity

Properties of
materials, The
Earth

Genetics, Humans
and Habitats

YEAR
5-6