

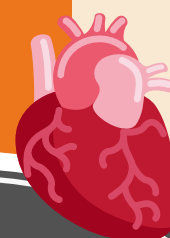


Year 8 Science LTP

Autumn 2

Topic: Health and Body Systems
Nutrition, Digestion, and the
Circulatory System

Why it's taught: To deepen
understanding of human biology
and develop knowledge of body
systems.



Spring 2

Topic: Energy and Electricity

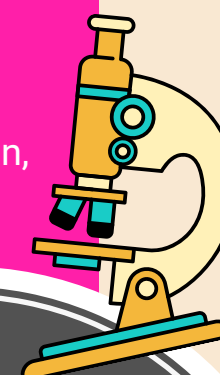
Why it's taught: To develop a
conceptual understanding of
energy and electric circuits



Summer 2

Topic: Reproduction and
Inheritance.

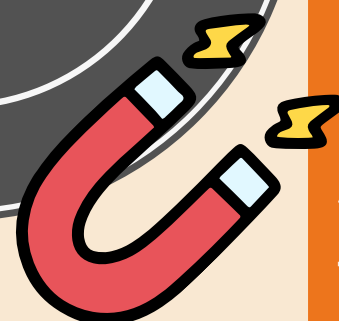
Why it's taught: To provide a
foundation in reproduction and
inheritance that supports later
topics such as genetics, evolution,
and cell biology.



Autumn 1

Topic: Forces; Contact and Non-
contact / Forces (e.g. friction, gravity,
magnetism)

Why it's taught: To build on basic
force concepts and introduce the
foundations of motion and interaction



Spring 1

Topic: Elements, Mixtures, and
Compounds

Why it's taught: Physical and
Chemical Changes and
classification of substances,
preparing students for atomic
structure and chemical
reactions at GCSE.

35.453 17 Cl Chlorine	74.92160 33 As Arsenic	28.0855 14 Si Silicon	12.01071 6 C Carbon
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Summer 1

Topic: Reactions and the
Environment. Chemical Reactions
(e.g. acids & alkalis), Climate and
Environment

Why it's taught: To Develop
understanding of chemical
substances. To learn about different
practical separation methods.



Learn

Achieve

Together