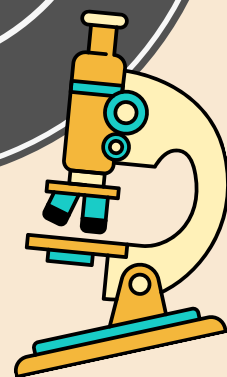




Year 7 Science LTP



Autumn 1

Topic: Introduction to Science & Cells

Why it's taught: To introduce students to lab work, safe practice, and the scientific method. Teaching cells lays the foundation of biology, as all life is built from cells.



Autumn 2

Topic: Characteristics of Living Things

Why it's taught: To build foundational understanding of living organisms and to help students identify what makes something alive.



Spring 1

Topic: Particles & States of Matter

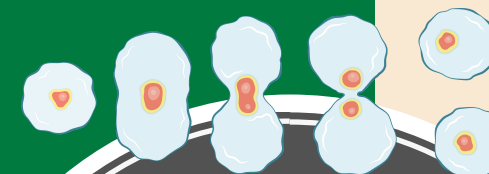
Why it's taught: Helps students understand matter and physical changes. Links to the real world (e.g. cooking, freezing, boiling)



Spring 2

Topic: Reproduction in Humans and Plants

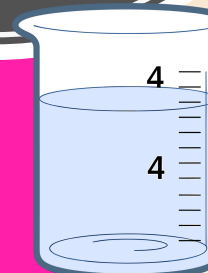
Why it's taught: To develop a conceptual understanding of life cycles and growth. To develop understanding of biological processes.



Summer 1

Topic: Elements, Mixtures & Separation Techniques

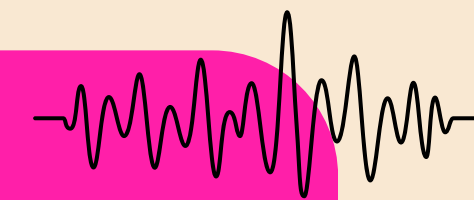
Why it's taught: To Develop understanding of chemical substances. To learn about different practical separation methods.



Summer 2

Topic: Energy, Light & Sound

Why it's taught: They are fundamental forms of energy that help students understand how the physical world works, linking everyday experiences (like seeing, hearing, and using electricity) to scientific principles.



Learn

Achieve

Together