

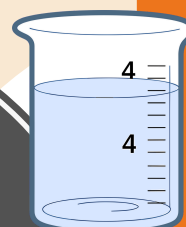


Year 11 Science LTP

Autumn 2

Topic: Atomic Structure / Chemical Analysis

***Why it's taught:** To explain the fundamental building blocks of matter and how they determine the properties and behavior of elements. To show how scientists identify substances and check purity.*



Autumn 1

Topic: Homeostasis and Response / Organic Chemistry

***Why it's taught:** To understand how the body maintains balance in changing conditions. To understand the carbon-based fuels, materials, and products that shape everyday life*



Spring 1

Topic: Inheritance, Variation and Evolution / Forces

***Why it's taught:** To explain how genetic information is passed on, why organisms differ. To understand how interactions cause changes in motion and shape.*



Spring 2

Topic: Chemistry of the Atmosphere / Ecology

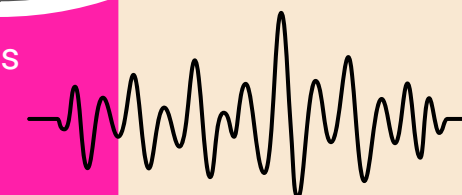
***Why it's taught:** To explain how the atmosphere has changed over time and the impact of human activity on climate. To show how organisms interact with each other and their environment*



Summer 1

Topic: Using Resources / Waves

***Why it's taught:** To show how science helps manage Earth's natural resources sustainably for human needs and environmental protection. To explain how energy is transferred by vibrations.*



Summer 2

Topic: Revision

***Why it's taught:** Recall all the learnt topics.*



Learn

Achieve

Together