



## CURRICULUM OVERVIEW –Year 7 Science

### TERM 1

#### TERM START - END

26/08/2024 – 13/12/2024

Becoming a Scientist  
7A Cells, Tissues, Organs and Systems  
7B Reproduction  
7C Muscles and Bones  
7D Ecosystems

**Becoming a Scientist** – This topic is all about how to work safely in the lab, and how to conduct an experiment! We will also all be using Bunsen burners for the first time.

**7A Cells, Tissues, Organs and Systems** – In this topic we learn all about cells and help contribute to the seven life processes.

**7B Reproduction** – In this topic we will learn all about animal and plant reproduction, and how the human body change during puberty.

**7C Muscles and Bones** – In this topic we will learn about the science behind fitness, and how our skeletal, muscular and circulatory system all work together.

**7D Ecosystems** – In this topic we will learn about variation, adaptations, and food chains!

### TERM 2

#### TERM START

06/01/2025 – 21/03/2025

7E Mixtures and Separation  
7F Acids and Alkalis  
7G The Particle Model

**7E Mixtures and Separation** – In this topic we will be learning about mixtures and how we can separate them using physical techniques!

**7F Acids and Alkalis** – In this topic we will be learning about Acids/Alkalis, their uses, and their hazards!

**7G The Particle Model** – In this topic we will be learning all about particles, and how their arrangement effects their properties

### TERM 3

#### TERM START

07/04/2025 – 27/06/2025

7J Current Electricity  
7K Forces  
7L Sound

**7J Current Electricity** – In this topic we will be learning all about series and parallel circuits, and the effect of changing current on a circuit

**7K Forces** – In this topic we will be learning about different types of forces, and the effect that balanced and unbalanced forces have on objects

**7L Sound** – In this topic we will be learning all about how we can make, detect and use sounds! We will also be looking at sounds within the animal kingdom,