

# Science Year 10

## Learning Intentions Spring Term 2 2024-2025

	LESSON 1	LESSON 2	LESSON 3 (alternate weeks)	LESSON 4	LESSON 5
WEEK 22 wc 24 <sup>th</sup> February	Revision review	Biology Paper	NORTH ONLY: RC - Enzymes	Chemistry Paper	Physics Paper
WEEK 23 wc 3 <sup>rd</sup> March	PAZ Review of Papers (2 lessons)	PAZ Review of Papers (2 lessons)	SOUTH ONLY: RC - Enzymes	How has the model of the atom changed over time?	What's inside an atom?
WEEK 24 wc 10 <sup>th</sup> March	How are electrons arranged in an atom?	What is background radiation?	NORTH ONLY: RC - Bonding	What are the types of radiation and what are their properties?	How do different atoms decay? (2 lessons)
WEEK 25 wc 17 <sup>th</sup> March	How do different atoms decay? (2 lessons)	How quickly do atoms decay? (2 lessons)	SOUTH ONLY: RC - Bonding	How quickly do atoms decay? (2 lessons)	What are the dangers of ionising radiation?
WEEK 26 wc 24 <sup>th</sup> March	How do I calculate relative formula mass?	How do we balance equations? (2 lessons)	NORTH ONLY: RC - Forces and Motion	How do we balance equations? (2 lessons)	How do I measure an empirical formula?
WEEK 27 wc 31 <sup>st</sup> March	How do I calculate empirical formula? (2 lessons)	How do I calculate empirical formula? (2 lessons)	SOUTH ONLY: RC - Forces and Motion	How do I calculate the concentration of a solution?	How is mass conserved in a chemical reaction?