Science Year 9

Learning Intentions Summer Term 1 2024-2025

	LESSON 1	LESSON 2	LESSON 3
WEEK 28 wc 21st April	What are vectors and scalars?	What information can we get from a distance time graph?	What is acceleration?
WEEK 29 wc 28th April	How is acceleration affected by gravity?	How do we represent velocity on graphs?	What do forces do to an object?
WEEK 30 wc 5th May	**How do forces act in circular motion (H)?**	What is the relationship between mass and weight?	What is Newton's second law?
WEEK 31 wc 12th May	Core Practical: Investigate the relationship between force, mass, and acceleration by varying the masses added to trolleys (2 lessons)	Core Practical: Investigate the relationship between force, mass, and acceleration by varying the masses added to trolleys (2 lessons)	What is Newton's third law? **How do we apply Newtons 3d law to collisions (H)?**
WEEK 32 wc 19th May	**What is momentum, how do we calculate it, and how do we apply Newton's second law to momentum in collisions (H)?**	What are the factors which affect stopping distances?	What are the dangers of crashes?

Biology	Chemistry	Physics