

Science Year 8

Learning Intentions Autumn Term 2

2024- 2025

	LESSON 1	LESSON 2	LESSON 3
WEEK 9 wc 4 th November	How do we use sounds in different ways? (ultrasound)	How do we use sounds in different ways? (infrasound)	What are waves and what are their properties?
WEEK 10 wc 11 th November	How do we see objects?	How do mirrors work?	What is refraction? (Substantiative Knowledge)
WEEK 11 wc 18 th November	What is refraction? (Disciplinary Knowledge)	How do lenses affect light rays?	How are cameras and eyes similar? (The eye)
WEEK 12 wc 25 th November	How are cameras and eyes similar? (camera and comparison)	How do we see colour and how does colour behave?	Key concepts in science review (PAZ revision)
WEEK 13 wc 2nd December	PAZ	How much energy can be released from fuels?	What is oxidation?
WEEK 14 wc 9 th December	How do we stay safe around fires?	How does combustion cause pollution?	What is global warming?
WEEK 15 wc 16 th December	What is global warming? (Presentations)	What is the first model of the atom?	What are the physical trends in the periodic table?