

Science Year 9

Learning Intentions Autumn Term 2

2024- 2025

	LESSON 1	LESSON 2	LESSON 3
WEEK 9 wc 4 th November	What chemical reactions happen in plants?	How are plants adapted for getting what gases they need?	How are plants adapted for getting the water they need?
WEEK 10 wc 11 th November	Why do plants make lipids, carbohydrates and proteins?	How do farmers make sure their crops grow well?	What problems can farming cause?
WEEK 11 wc 18 th November	What are genes? (9A)	What are adaptations and how are they inherited?	How can we maintain biodiversity? (9A)
WEEK 12 wc 25 th November	How can changes in an environment affect survival? (9A)	Key concepts in biology, chemistry and physics review	Key concepts in biology, chemistry and physics review
WEEK 13 wc 2 nd December	PAZ	How do we stay safe in the lab?	What apparatus do we regularly use and how do we represent it?
WEEK 14 wc 9 th December	How many ways can we measure something?	How do we set up and use a Bunsen Burner?	How do we set up and use a clamp stand?
WEEK 15 wc 16 th December	How do we draw and interpret line graphs?	How do we draw and interpret bar graphs?	How do we carry out an investigation?