

# Class of 2026 SCIENCE (Y9)

## Long Term Plan 2021-22



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
	W/C 30/08	W/C 06/09	W/C 13/09	W/C 20/09	W/C 27/09	W/C 04/10	W/C 11/10	W/C 01/11	W/C 08/11	W/C 15/11	W/C 22/11	W/C 29/11	W/C 06/12
Cycle 1		Marked task lesson 4	Marked task lesson 6 (triple) & 8	Marked task lesson 9 (optional)	Marked task lesson 14 End of topic assessment	Marked task lesson 3	Marked task lesson 6	Marked task lesson 9				Marked task lesson 2	Marked task lesson 8
	Student Induction	<b>B1 Cell Biology</b> What are cells?	<b>B1 Cell Biology</b> Why is cellular theory so important?	<b>B1 Cell Biology</b> Why are cells so small?	<b>B1 Cell Biology</b> How do substances get in and out of cells?	<b>C1 Atomic structure</b> What is an atom?	<b>C1 Atomic structure</b> How are electrons arranged?	<b>C1 Atomic structure</b> Why is the periodic table so important?	<b>What have we learnt?</b> Interleaving: B1 and C1	<b>What have we learnt?</b> Interleaving: B1 and C1	<b>P1 Energy</b> What are the energy stores?	<b>P1 Energy</b> How is energy calculated?	<b>P1 Energy</b> How is energy calculated?
		<b>Remote Task:</b> Cell biology lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Cell biology lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Cell biology lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Cell biology lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Atomic structure lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Atomic structure lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Atomic structure lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> B1 and C1 revision  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> B1 and C1 revision  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Energy lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Energy lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Energy lessons  <b>Resources:</b> <a href="#">link</a>
Cycle 2	W/C 13/12	W/C 03/01	W/C 10/01	W/C 17/01	W/C 24/01	W/C 31/01	W/C 07/02	W/C 14/02	W/C 28/02	W/C 07/03	W/C 14/03	W/C 21/03	W/C 28/03
		Marked task lesson 13 End of topic assessment	Marked task lesson 4	Marked task lesson 8 Marked task lesson 9 (optional)		Marked task lesson 16 End of topic assessment			Marked task lesson 3		Marked task lesson 9	End of topic assessment	Marked task lesson 1 Marked task lesson 4
	<b>P1 Energy</b> How is energy transferred?	<b>P1 Energy</b> What are renewable energy resources?	<b>B2 Organisation</b> How do enzymes aid digestion?	<b>B2 Organisation</b> How can we investigate the effect of enzymes?	<b>B2 Organisation</b> Why is blood a tissue?	<b>B2 Organisation</b> How do our lifestyle choices affect our health?	<b>What have we learnt?</b> Interleaving: Revision for Cycle assessment	<b>What have we learnt?</b> Interleaving: Revision for Cycle assessment	<b>C2 Structure and bonding</b> How are ionic bonds formed?	<b>C2 Structure and bonding</b> What is a giant covalent structure?	<b>C2 Structure and bonding</b> How does metallic bonding cause the properties of metals?	<b>C2 Structure and bonding</b> What are polymers, and how can they be used?	<b>P3 Particle model of matter</b> What is density?
<b>Remote Task:</b> Energy lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Energy lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Organisation lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Organisation lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Organisation lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Organisation lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Revision  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Revision  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Structure and bonding lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Structure and bonding lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Structure and bonding lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Structure and bonding lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Particle model lessons  <b>Resources:</b> <a href="#">link</a>	

Cycle 3

	W/C 04/04	W/C 25/04	W/C 02/05	W/C 09/05	W/C 16/05	W/C 23/05	W/C 06/06	W/C 13/06	W/C 20/06	W/C 27/06	W/C 04/07	W/C 11/07	W/C 18/07
	Marked task lesson 8		End of topic assessment	Marked task lesson 1	Marked task lesson 6	Marked task lesson 9 Marked task lesson 12 (triple)	End of topic assessment				Marked task lesson 2	Marked task lesson 6	End of course
	<b>P3 Particle model of matter</b> How does the energy change as a substance changes state?	<b>P3 Particle model of matter</b> What is Specific Heat Capacity?	<b>P3 Particle model of matter</b> How do particles move in gases?	<b>B3 Infection and response</b> What are some common pathogens?	<b>B3 Infection and response</b> How does our body defend itself against infection?	<b>B3 Infection and response</b> How do vaccines work?	<b>B3 Infection and response</b> How can we safely make medicines?	<b>What have we learnt?</b> Interleaving: B1, B2, B3, C1, C2, P1, P3	<b>What have we learnt?</b> Interleaving: B1, B2, B3, C1, C2, P1, P3	<b>What have we learnt?</b> Interleaving: B1, B2, B3, C1, C2, P1, P3	<b>C9 Chemistry of the atmosphere</b> How has the atmosphere changed?	<b>C9 Chemistry of the atmosphere</b> What is climate change?	<b>C9 Chemistry of the atmosphere</b> How can we minimise our carbon footprint?
	<b>Remote Task:</b> Particle model lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Particle model lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Particle model lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Infection and response lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Infection and response lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Infection and response lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Infection and response lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> B1, C1, P1, B2, P3, B3 revision  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> B1, C1, P1, B2, P3, B3 revision  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> B1, C1, P1, B2, P3, B3 revision  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Chemistry of the atmosphere lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Chemistry of the atmosphere lessons  <b>Resources:</b> <a href="#">link</a>	<b>Remote Task:</b> Chemistry of the atmosphere lessons  <b>Resources:</b> <a href="#">link</a>