

# Class of 2024 – Triple Biology

## Long Term Plan 2020-21



	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 24/08	W/C 31/08	W/C 07/09	W/C 14/09	W/C 21/09	W/C 28/09	W/C 05/10	W/C 12/10	W/C 02/11	W/C 09/11	W/C 16/11	W/C 23/11	W/C 30/11
Cycle 1		<b>B3 Infection and response</b> What are pathogens? Recap from home learning.	<b>B3 Infection and response</b> How do we prevent and treat disease? Recap from home learning.	<b>B3 Infection and response</b> How do we develop new drugs? Recap from home learning.	<b>B3 Infection and response</b> How can we use monoclonal antibodies?	<b>B4 Bioenergetics</b> What is photosynthesis?	<b>B4 Bioenergetics</b> What are the factors limiting photosynthesis?	<b>B4 Bioenergetics</b> How can we test the factors affecting photosynthesis?	What have we learnt? Interleaving: B1, B2 and B3	What have we learnt? Interleaving: B1, B2 and B3	<b>B4 Bioenergetics</b> What is aerobic respiration?	<b>B4 Bioenergetics</b> What is anaerobic respiration?	<b>B4 Bioenergetics</b> How does exercise keep us healthy?
Cycle 2	<b>B4 Bioenergetics</b> What is a metabolism?	<b>B5 Homeostasis</b> How do we maintain conditions in the body?	<b>B5 Homeostasis</b> How do reflex actions work?	<b>B5 Homeostasis</b> How can we investigate reflex actions?	<b>B5 Homeostasis</b> How do the brain and the eye work?	<b>B5 Homeostasis</b> How can we control body temperature?	<b>B5 Homeostasis</b> How do we control blood glucose levels?	What have we learnt? Interleaving: B2	What have we learnt? Interleaving: B1, B2, B3, B4, B5	What have we learnt? Interleaving: B1, B2, B3, B4, B5	<b>B5 Homeostasis</b> What is diabetes?	<b>B5 Homeostasis</b> How do hormones control reproduction?	<b>B5 Homeostasis</b> How can we control fertility?
Cycle 3	<b>B5 Homeostasis</b> How do plant hormones work?	<b>B5 Homeostasis</b> How can we investigate the use of plant hormones?	<b>B6 Inheritance, variation and evolution</b> What is DNA?	<b>B6 Inheritance, variation and evolution</b> What are the different types of reproduction?	<b>B6 Inheritance, variation and evolution</b> How do we inherit characteristics?	<b>B6 Inheritance, variation and evolution</b> How is sex determined?	<b>B6 Inheritance, variation and evolution</b> What is variation?	What have we learnt? Interleaving: B2	What have we learnt? Interleaving: B1, B2, B3, C1, C2, P1, P3	What have we learnt? Interleaving: B1, B2, B3, C1, C2, P1, P3	<b>B6 Inheritance, variation and evolution</b> How do species evolve over time?	<b>B6 Inheritance, variation and evolution</b> What can we learn from fossils?	<b>B6 Inheritance, variation and evolution</b> What did Mendel's experiments teach us?

Commented [AC1]: Is it better to condense B3 and move on with learning, or just reteach?