

Year 10 Spring term 2

Year 10 students will study one topic of each biology, chemistry and physics this half term. They will be assessed on all content they have covered so far in their GCSE learning during the PAZ weeks.

		20/02/2023	27/02/2023	06/03/2023	13/03/2023	20/03/2023	27/03/2023
Class	Teacher	week 21	week 22	week 23	week 24	week 25	week 26
10ns/Sc1 and 10ns/Sc2	SHI	<u>C9 Quantitative Chemistry</u> <ol style="list-style-type: none"> How do I calculate relative formula mass? How do we balance equations? How do I calculate empirical formula? How is mass conserved in a chemical reaction? How do we measure the amount of a substance? 			PAZ		<u>P6 Radioactivity</u> <ol style="list-style-type: none"> Recap the structure of the atom. How has the model of the atom changed over time?
	OBO	<u>B6 Plant Structures and Functions</u> <ol style="list-style-type: none"> What is photosynthesis? What are the factors that affect photosynthesis? Core practical: Investigating the effect of light intensity on the rate of photosynthesis. How do plants absorb water and minerals? How do water and minerals move around plants? 			PAZ		<u>C11&12 Electrolysis and obtaining metals</u> <ol style="list-style-type: none"> What is the key vocabulary for electrolysis? What happens during electrolysis?
10ns/Sc3 and 10ns/Sc4	JBE	<u>C9 Quantitative Chemistry</u> <ol style="list-style-type: none"> How do I calculate relative formula mass? How do we balance equations? How do I calculate empirical formula? How is mass conserved in a chemical reaction? How do we measure the amount of a substance? 			PAZ		<u>P6 Radioactivity</u> <ol style="list-style-type: none"> Recap the structure of the atom. How has the model of the atom changed over time?
	HZA	<u>B6 Plant Structures and Functions</u> <ol style="list-style-type: none"> What is photosynthesis? What are the factors that affect photosynthesis? 			PAZ		<u>C11&12 Electrolysis and obtaining metals</u>

		3. Core practical: Investigating the effect of light intensity on the rate of photosynthesis. 4. How do plants absorb water and minerals? 5. How do water and minerals move around plants?			1. What is the key vocabulary for electrolysis? 2. What happens during electrolysis?
10ns/Sc5	CWE	<u>C9 Quantitative Chemistry</u> 1. How do I calculate relative formula mass? 2. How do we balance equations? 3. How do I calculate empirical formula? 4. How is mass conserved in a chemical reaction? 5. How do we measure the amount of a substance?		PAZ	<u>P6 Radioactivity</u> 1. Recap the structure of the atom. 2. How has the model of the atom changed over time?
	BNE	<u>B6 Plant Structures and Functions</u> 1. What is photosynthesis? 2. What are the factors that affect photosynthesis? 3. Core practical: Investigating the effect of light intensity on the rate of photosynthesis. 4. How do plants absorb water and minerals? 5. How do water and minerals move around plants?		PAZ	<u>C11&12 Electrolysis and obtaining metals</u> 1. What is the key vocabulary for electrolysis? 2. What happens during electrolysis?
10ns/Sc6	JTO	<u>B6 Plant Structures and Functions</u> 1. What is photosynthesis? 2. What are the factors that affect photosynthesis? 3. Core practical: Investigating the effect of light intensity on the rate of photosynthesis. 4. How do plants absorb water and minerals?	<u>C9 Quantitative Chemistry</u> 1. How do I calculate relative formula mass? 2. How do we balance equations? 3. How do I calculate empirical formula? 4. How is mass conserved in a chemical reaction? 5. How do we measure the amount of a substance?	PAZ	<u>P6 Radioactivity</u> 3. Recap the structure of the atom. 4. How has the model of the atom changed over time? 5. How are electrons arranged in an atom? 6. What is background radiation?

		5. How do water and minerals move around plants?			
10ns/Sc7	RPI	<u>B6 Plant Structures and Functions</u> <ol style="list-style-type: none"> 1. What is photosynthesis? 2. What are the factors that affect photosynthesis? 3. Core practical: Investigating the effect of light intensity on the rate of photosynthesis. 4. How do plants absorb water and minerals? 5. How do water and minerals move around plants? 	<u>C9 Quantitative Chemistry</u> <ol style="list-style-type: none"> 1. How do I calculate relative formula mass? 2. How do we balance equations? 3. How do I calculate empirical formula? 4. How is mass conserved in a chemical reaction? 5. How do we measure the amount of a substance? 	PAZ	<u>C11&12 Electrolysis and obtaining metals</u> <ol style="list-style-type: none"> 1. What is the key vocabulary for electrolysis? 2. What happens during electrolysis? 3. Core practical: Electrolysis of copper sulfate.