## Year 11 Spring term 1

Year 11 students will do some in class recall and review of content in their mock exams to start this half term. After the mock exams students will complete 1 biology and 1 chemistry topic.

Class	Teacher	02/01/2023 Bank Hol and Inset week 15	09/01/2023 week 16	16/01/202 wee		23/01/2023 week 18	30/01/2023 week 19	06/02/2023 week 20
Class	Teacher	WEEK 15	week 10	wee			Week 19	week 20
	BNE	Review and recall of paper 1 conten PAZ			B8 Exchange and Transport         1. How are substances transported in organisms?         2. How are the lung adapted for gas exchange?         3. What are the components of blood and what are their functions?         4. How are blood vessels adapted for their functions?         5. What is the structure of the heart and how does it work?         6. How does exercise affect our heart?         7. What is aerobic respiration?         8. What is anaerobic respiration?         9. Core Practical: Respiration Rates         C13,14&15 Groups, Rates and Energy Changes         1. What are the properties of group 1 elements?         2. What are the properties of group 7 elements?         3. How do the group 7 elements react?         4. What are the factors that affect the rate of reaction?         6. What are the factors that affect the rate of reaction?         7. Core Practical: Investigating reaction rates – gases         8. Core Practical: Investigating reaction rates – colour changes         9. How do catalysts work?         10. How can energy levels change during chemical reactions?			? at are their functions? nctions?
11ns/Sc1 and 11ns/Sc2	CWE			ent				ts? al reaction? reaction? - gases - colour changes

		C12 148 15 Groups, Potos and Energy Changes
		<ul><li><u>C13,14&amp;15 Groups, Rates and Energy Changes</u></li><li>1. What are the properties of group 1 elements?</li></ul>
		<ol> <li>What are the properties of group 1 elements?</li> <li>What are the properties of group 7 elements?</li> </ol>
		3. How do the group 7 elements react?
		<ul><li>4. What are the properties of group 0 elements?</li></ul>
	JBE	5. How do we determine the rate of a chemical reaction?
	JDL	6. What are the factors that affect the rate of reaction?
		<ol> <li>7. Core Practical: Investigating reaction rates – gases</li> </ol>
		8. Core Practical: Investigating reaction rates – colour changes
		9. How do catalysts work?
		10. How can energy levels change during chemical reactions?
		B8 Exchange and Transport
		1. How are substances transported in organisms?
		<ol> <li>How are the lung adapted for gas exchange?</li> </ol>
		3. What are the components of blood and what are their functions?
11ns/Sc3		
and		6. How does exercise affect our heart?
11ns/Sc4		7. What is aerobic respiration?
		8. What is anaerobic respiration?
		9. Core Practical: Respiration Rates
	JTO	
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11ns/Sc5 SHI	<ul> <li>B8 Exchange and Transport</li> <li>How are substances transported in organisms?</li> <li>How are the lung adapted for gas exchange?</li> <li>What are the components of blood and what are their functions?</li> <li>How are blood vessels adapted for their functions?</li> <li>What is the structure of the heart and how does it work?</li> <li>How does exercise affect our heart?</li> <li>What is anaerobic respiration?</li> <li>What is anaerobic respiration Rates</li> </ul>	<ul> <li>C13,14&amp;15 Groups, Rates and Energy Changes</li> <li>What are the properties of group 1 elements?</li> <li>What are the properties of group 7 elements?</li> <li>How do the group 7 elements react?</li> <li>What are the properties of group 0 elements?</li> <li>How do we determine the rate of a chemical reaction?</li> <li>What are the factors that affect the rate of reaction?</li> <li>Core Practical: Investigating reaction rates – gases</li> <li>Core Practical: Investigating reaction rates – colour changes</li> <li>How do catalysts work?</li> <li>How can energy levels change during chemical reactions?</li> </ul>
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		<ul> <li><u>C13,14&amp;15 Groups, Rates and Energy Changes</u></li> <li>1. What are the properties of group 1 elements?</li> <li>2. What are the properties of group 7 elements?</li> <li>3. How do the group 7 elements react?</li> </ul>
	HZA	<ol> <li>What are the properties of group 0 elements?</li> <li>How do we determine the rate of a chemical reaction?</li> <li>What are the factors that affect the rate of reaction?</li> <li>Core Practical: Investigating reaction rates – gases</li> <li>Core Practical: Investigating reaction rates – colour changes</li> <li>How do catalysts work?</li> <li>How can energy levels change during chemical reactions?</li> </ol>
11ns/Sc6	ОВО	<ul> <li>10. How can be reach the second sec</li></ul>