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.

<table>
<tr><th></th><th></th><th>02/01/2023
Bank Hol and Inset</th><th>09/01/2023</th><th>16/01/2023</th><th>23/01/2023</th><th>30/01/2023</th><th>06/02/2023</th></tr>
<tr><th>Class</th><th>Teacher</th><th>week 15</th><th>week 16</th><th>week 17</th><th>week 18</th><th>week 19</th><th>week 20</th></tr>
<tr><td rowspan="2">11ns/Sc1
and
11ns/Sc2</td><td>BNE</td><td colspan="3" rowspan="2">Review and recall of paper 1 content
PAZ</td><td colspan="3"><u>B8 Exchange and Transport</u>
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</td></tr>
<tr><td>CWE</td><td colspan="3"><u>C13,14&15 Groups, Rates and Energy Changes</u>
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 properties of group 0 elements?
5. How do we determine the rate of a chemical 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?</td></tr>
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11ns/Sc3 and 11ns/Sc4	JBE		**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 properties of group 0 elements? 5. How do we determine the rate of a chemical 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?
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11ns/Sc5	SHI		**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 properties of group 0 elements? 5. How do we determine the rate of a chemical 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?

11ns/Sc6	HZA		**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 properties of group 0 elements? 5. How do we determine the rate of a chemical 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?
	OBO		**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

11ns/Sc7	RPI		**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 properties of group 0 elements? 5. How do we determine the rate of a chemical 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?	**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