

Year 11 Spring Term 1

01/01/2024	08/01/2024	15/01/2024	22/01/2024	29/01/2024	05/02/2024
week 15	week 16	week 17	week 18	week 19	week 20
C13,14 and 15: Groups, Rate of Reactions and Energy Changes			Trial Exams		B8 : Exchange and Transport
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?			Week 1 – Trial exams Week 2 – Review of exams		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? (LI 7-8 will continue after half term)