Year 13 Chemistry February Half Term Homework 2020

You should be spending at least one hour of each of the revision tasks below

Session	Revision Tasks
1	• Make sure you have completed all tasks in the DTT pack from w/beg 10/2. (Equilibria) • Complete diagnostic test for Organics II DTT pack and green pen test. • Complete revision resources for Organics II DTT pack
2	• Complete practice questions for Organics II DTT pack • Green pen practice questions for Organics II DTT pack • Revise and review work on Organics II
3	• Complete post revision test on Organics II and green pen work • Complete diagnostic test on Transition metals DTT pack and green test.
4	• Complete revision resources for Transition metals DTT pack • Complete practice questions for Transition metals DTT pack • Green pen practice questions for Organics II DTT pack
5	• Complete post revision test on Organics II and green pen work • Go through Year 12 exam, November 2019 exam and January AS exam, making sure you look carefully at the feedback and feedback tasks.

PAPER 1

This paper will examine the following topics.

- Topic 1: Atomic Structure and the Periodic Table
- Topic 2: Bonding and Structure
- Topic 3: Redox I
- Topic 4: Inorganic Chemistry and the Periodic Table
- Topic 5: Formulae, Equations and Amounts of Substance
- Topic 8: Energetics I
- Topic 10: Equilibrium I
- Topic 11: Equilibrium II
- Topic 12: Acid-base Equilibria. (**Only** Ionic product of water, Kw, and pH= -log (H+))
- Topic 13: Energetics II
- Topic 14: Redox II
- Topic 15: Transition Metals

PAPER 2

This paper will examine the following topics.

- Topic 2: Bonding and Structure
- Topic 3: Redox I
- Topic 5: Formulae, Equations and Amounts of Substance
- Topic 6: Organic Chemistry I
- Topic 7: Modern Analytical Techniques I
- Topic 9: Kinetics I
- Topic 16: Kinetics II

- Topic 17: Organic Chemistry II
- Topic 19: Modern Analytical Techniques II

PAPER 3

- Questions in this paper may draw on any of the topics in this specification.
- The paper will include synoptic questions that may draw on two or more different topics listed.
- The paper will include questions that assess conceptual and theoretical understanding of experimental methods (indirect practical skills) that will draw on students' experiences of the core practicals.