

For some of our students, formal exams have been something they have not completed regularly or at all. We are aware that all students have had significant disruption over the last two years. In order to support you to support them effectively at home, we would like to give you the following information:

The Topics your child will be tested on are:

- 3.1.1 Atomic structure
- 3.1.2 Amount of substance
- 3.1.3 Bonding
- 3.1.4 Energetics
- 3.1.5 Kinetics
- 3.1.6 Chemical equilibria and Le Chatelier's principle
- 3.1.7 Oxidation, reduction and redox reactions
- 3.2.1 Periodicity
- 3.2.2 Group 2, the alkaline earth metals
- 3.2.3 Group 7, the halogens
- 3.3.1 Introduction to organic chemistry
- 3.3.2 Alkanes
- 3.3.3 Halogenoalkanes
- 3.3.4 Alkenes
- 3.3.5 Alcohols
- 3.3.6 Organic analysis

Recommended revision sites/resources:

MaChemGuy	<a href="https://www.youtube.com/user/machemguy?app=desktop">https://www.youtube.com/user/machemguy?app=desktop</a>
Primrose Kitten	<a href="https://www.primrosekitten.com/">https://www.primrosekitten.com/</a>
Physics and maths tutor	<a href="https://www.physicsandmathstutor.com/chemistry-revision/a-level-aqa/">https://www.physicsandmathstutor.com/chemistry-revision/a-level-aqa/</a>
Chemrevise	<a href="https://chemrevise.org/revision-guides/">https://chemrevise.org/revision-guides/</a>
Allery Chemistry	<a href="https://www.youtube.com/channel/UCPtWS4fCi25YHw5SPGdPz0g">https://www.youtube.com/channel/UCPtWS4fCi25YHw5SPGdPz0g</a>
Primrose Kitten	<a href="https://www.primrosekitten.com/">https://www.primrosekitten.com/</a>

Hints and Tips:

- Show clear working for calculations. Error carried forward may mean a response still gains marks if a mistake is made.
- When a question asks you to make a comparison, make sure you clearly describe differences and/or similarities.
- Cross out answers if you need to change them. Trying to correct an answer by writing over it can make it unclear
- Underlining or circling key information in questions will help you remember, as will jotting down ideas and equations.
- If describing a practical method use bullet points to give a list of simple, clear instructions someone else can follow.
- In calculations always check the units and make conversions if needed.
- Make sure you give answers to the number of significant figures asked for after performing calculations