Science

Students should be using the specification as a starting point to check they know what they will be assessed on. They can then find the relevant information in knowledge organisers (on website), bbc bitesize or their books. Students also enjoy using https://www.freesciencelessons.co.uk/ and https://cognitoedu.org/home for videos of specific topics.

These resources can be used to make flashcards, mind maps or to summarise and chunk the information to learn. Parents and carers can test them on this information.

The November mock exams are based on Paper 1 content, which was taught in Year 10. Students should be focussing on this until after the exam, and then move to revising Paper 2 content.

Revision needs to be done continuously at home and the topics students have not mastered need to be re-visited regularly until this is secure. Once the content has been learnt students can apply their knowledge to past exam papers.

Past paper questions on different topics can be found here: https://mmerevise.co.uk/gcse-biology-revision/gcse-biology-exam-questions-by-topic/

Past papers can be found using the link below:

AQA | Resources | Past Papers & AQA Mark Schemes

In line with the above, quizzes and/or exam questions are set within each science subject as weekly homework. For quizzes, students should watch any linked videos first, then attempt the quiz. We ask that students repeat the quiz in they have not got at least 70% correct.

Paper 1 topics

Biology	Chemistry	Physics
- Cells - Organisation - Infection and response - Bioenergetics	- Atomic structure and the periodic table - Bonding, structure, and the properties of matter - Quantitative chemistry - Chemical changes - Energy changes	- Energy - Electricity - Particle model of matter - Atomic structure

Paper 2 topics

Biology	Chemistry	Physics
- Ecology - Homeostasis - Inheritance	- Rates of reaction - Organic Chemistry - Chemical analysis - Chemistry of the Atmosphere - Using resources	- Forces - Waves - Magnetism - Space (Triple only)