

## SUMMER 2024

**SUBJECT: Science (AQA)**

**Year: 10**

**Topic(s) to be covered:**

- C5 Energy Changes (Chemistry)
- B5 Homeostasis and Response (Biology)
- C6 Rates of Reactions (Chemistry)

**Assessment Procedures:**

Every three weeks students will complete a short assessment on content that has been learnt several weeks before (interleaving). This is to help students with their recall knowledge and to embed a revision routine. Students should prepare well for this through the science homework cycle. Following the assessment, students will receive a grade at which they are working at for that component of the course.

In the summer term students will sit three assessments for topic C4 Chemical Changes (Chemistry), P4 Atomic Structure (Physics) and C5 Energy Changes (Chemistry).

In Summer 2024, students will complete full papers for Chemistry Paper 1 and Physics Paper 1.

**Homework guidance:**

Homework is set every week as part of the science homework cycle and will appear on Synergy and Teams. Students will also receive paper copies in class from their teacher. It is important that students engage with this fully to ensure the best results in their tri-weekly assessments.

Week 1 – Key facts and a key fact quiz.

Week 2 – Key facts and exam-style questions. These should be self-assessed using the mark schemes that their teacher will put on Teams.

Week 3 – Closing the gap activities following the tri-weekly assessment. This will also include a task(s) for scientific literacy.

Homework will be submitted to the class teacher the following week and all work filed in students' exercise books.

**Enrichment opportunities:**

There will be opportunities for students to become involved in the science extra-curricular activities aimed at the younger students. This will help to develop leadership skills and allow students to act as role models to students in other year groups.

**How can you help?**

It would be very helpful if you can encourage your child to engage fully with the preparation homework provided. We want our students to know that if you prepare well then it is very likely that your outcomes will be good also. Checking that homework has been completed and that pride and effort are evident in the work will be a good indicator of students' high standards. Engaging with the homework cycle will also ensure that students are consistently revising throughout the year (little and often), helping to alleviate pressures at assessment times and the public exam period.

Further support can also be found on the BBC Bitesize website:

AQA Combined Science: Trilogy - [GCSE Combined Science - AQA Trilogy - BBC Bitesize](#)

AQA Biology (single science) - [GCSE Biology \(Single Science\) - AQA - BBC Bitesize](#)

AQA Chemistry (single science) - [GCSE Chemistry \(Single Science\) - AQA - BBC Bitesize](#)

AQA Physics (single science) - [GCSE Physics \(Single Science\) - AQA - BBC Bitesize](#)

Useful revision guides and workbooks to support learning can be found through CGP.

[GCSE Science | CGP Books](#)

