

## AUTUMN 2023

**SUBJECT: Science (AQA)**

**Year: 10**

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

- Organisation (Biology)
- Bonding, Structure and the Properties of Matter (Chemistry)
- Electricity (Physics)
- Infection and Response (Biology)
- Quantitative Chemistry (Chemistry)
- Particle Model of Matter (Physics)

**Assessment Procedures:**

Within each topic there will be graded exam questions and tasks to gauge understanding. Students will also undergo a short end of unit examination based on the topic they have completed.

**Students are due to sit end of year assessments in June.**

**Homework guidance:**

Homework is set approximately once a week which will now be through Microsoft TEAMS. The homework tasks will vary to include activities such as written tasks, data analysis, research and revision and students should submit this through TEAMS unless specifically instructed by their class teacher. Homework tasks should take approximately 30 minutes to complete. If there are tasks for a range of abilities, your class teacher will inform you of which section is required however all students are encouraged to challenge themselves wherever possible.

Homework may also be set through online platforms such as Kahoot or Seneca. If there are issues accessing this type of resources, please let your class teacher know.

**Enrichment opportunities:**

At this point we are looking into Enrichment options available during the changing global situation- More information hopefully available soon.

**How can you help?**

Oak academy also has a wide range of science lessons currently freely available for everyone. These can be found here:

<https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4/subjects/biology>

<https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4/subjects/chemistry>

<https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4/subjects/physics>

Should your child be absent for a lesson please direct them to the TEAMS platform where they can find resources for the lesson they have missed.

SENECA Online learning ( <https://senecalearning.com/en-GB/>) supports many of the topics students will be studying as they prepare for GCSE.

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 \(Single Science\) - BBC Bitesize](#)

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

[GCSE Science | CGP Books](#)