



HOMEWORK: SCIENCE

YEAR 9

GCSE Combined Science (all students)

Homework activities

We aim to use a range of homework activities:

- **Online Quizzes** - these tests are created by the class teacher and are usually assigned to students via Educake. They will give students regular retrieval opportunities, develop key vocabulary and help to identify areas that they are expert at and areas where they may need to study further.
- **Research tasks** - students may be asked to research a topic area in preparation for a lesson or after a lesson to broaden their understanding/develop their intellectual curiosity.
- **Exam style questions** - these are a regular homework designed to help students understand the exam criteria and to develop their exam technique.
- **Revision for tests** - this type of homework is often used as we complete topics; its aim is to give students time to consolidate their understanding and to build up a body of knowledge.

How much homework is set?

1 or 2 tasks of Science homework is set a fortnight which should take 2 hours to complete. These tasks will rotate between Biology, Chemistry and Physics. All homework tasks are recorded on Show My Homework. All students also have access to kerboodle.com where there is an online textbook as well as a wide range of resources to boost, stretch and challenge students of all ability levels.

YEAR 10 AND YEAR 11

GCSE Combined Science (Trilogy) or, GCSE Biology, GCSE Chemistry & GCSE Physics

Homework activities

These will include:

- **Online Quizzes** - these tests are created by the class teacher and are usually assigned to students via Educake. They will give students regular retrieval opportunities, develop key vocabulary and help to identify areas that they are expert at and areas where they may need to study further.
- **Research tasks** - students may be asked to research a topic area in preparation for a lesson or after a lesson to broaden their understanding/develop their intellectual curiosity.
- **Exam style questions** - these are a regular homework designed to help students understand the exam criteria and to develop their exam technique.
- **Revision for tests** - this type of homework is often used as we complete topics; its aim is to give students time to consolidate their understanding and to build up a body of knowledge.

How much homework is set?

- **Year 10:** 1 hour per subject (Biology, Chemistry and Physics) per fortnight for all students
- **Year 11:** 1 hour per subject (Biology, Chemistry and Physics) per fortnight for all students

All homework tasks are recorded on Show My Homework.

All students also have access to kerboodle.com where there is an online textbook as well as a wide range of resources to boost, stretch and challenge students of all ability levels.

A LEVEL

Biology, Chemistry and Physics

Students will be expected to complete a range of homework activities including:

- **Research tasks** - students may be asked to research a topic area in preparation for a lesson or after a lesson to broaden their understanding/develop their intellectual curiosity.
- **Exam style questions** - these are a regular homework designed to help students understand the exam criteria and to develop their exam technique.
- **Online tests** - these tests are often assigned to students via Show My Homework or via Kerboodle. They will help students to identify areas that they are expert at and areas where they may need to study further.
- **Revision for tests** - this type of homework is often used as we complete topics; its aim is to give students time to consolidate their understanding and to build up a body of knowledge.
- **Practical write-ups** - as part of the contribution towards a pass students may be required to plan practical work outside of lessons or to complete their write-ups including results tables, graphs, analysis of data and evaluations.
- **Producing glossaries** - A Level Sciences contain a lot of new vocabulary that students must become expert at using very quickly, completing an on-going glossary of these terms will help to boost understanding.
- **Background reading** - Students will be directed to relevant journal articles or textbooks to develop their breadth and depth of knowledge.

Students will be set homework tasks in most lessons; these should take between 30 minutes - 1 hour

All homework tasks will be located on Show My Homework.

All students also have access to [kerboodle.com](https://www.kerboodle.com) where there is an online textbook as well as a wide range of resources to boost, stretch and challenge students of all ability levels.

Sixth Form Private Study Tasks

We expect students to be completing private study sessions of relevant work each week. A copy of the private study tasks will be issued to students.

Cambridge Technical Extended Certificate

Applied Science

Students will be expected to complete a range of homework activities including:

- **Research tasks** - students may be asked to research a topic area in preparation for a lesson or after a lesson to broaden their understanding/develop their intellectual curiosity.
- **On-going coursework** - as this course is 60% coursework students will often be researching, drafting or re-drafting coursework outside of lessons.
- **Exam style questions** - these are a regular homework designed to help students understand the exam criteria and to develop their exam technique.
- **Revision for tests** - this type of homework is often used as we complete topics; its aim is to give students time to consolidate their understanding and to build up a body of knowledge.
- **Producing glossaries** - Applied Science contains a lot of new vocabulary that students must become expert at using very quickly, completing an on-going glossary of these terms will help to boost understanding.
- **Background reading** - Students will be directed to relevant journal articles or textbooks to develop their breadth and depth of knowledge.

Students will be set homework tasks in most lessons; these should take between 30 minutes - 1 hour

All homework tasks will be located on Show My Homework.

All students also have access to [kerboodle.com](https://www.kerboodle.com) where there is an online textbook as well as a wide range of resources to boost, stretch and challenge students of all ability levels.

Sixth Form Private Study Tasks

We expect students to be completing private study sessions of relevant work each week. A copy of the private study tasks will be issued to students.

Support from Parents and Guardians

Talking to students about their work can help them to clarify their understanding and improve their use of key terms. Discussing the marking and feedback that you see in their exercise books will allow you to see the progress they are making. You might also notice when some extra support is needed and suggest that they pop in and see us. When students are revising you might help by testing that they know their summary key points, this can be very effective and we will have suggested that students ask you to do this!