

Modules/Units

Students will complete a variety of physics, chemistry and biology topics designed to support and build on their foundations of understanding before they begin GCSE work in year 9 (Class 4).

The topics have been constructed into a bespoke course covering the same main topics as the GCSE and include the same key language and terminology. Students will be assessed at the end of each topic and feedback given to them regarding their current levels for each subject, and their overall performance.

Year 7:

The Living body, Elements, mixtures and compounds, Energy and Forces, Habitats and Organisation, Common Chemical reactions, Electricity, Space.

Year 8:

How the Body Works, Structure of Materials, Speed and Nuclear Physics, Evolution and Inheritance, Chemistry on Earth, Magnetism and Waves.

Coursework deadlines/exams

There are no expectations of students to complete coursework during year 7 or 8.

Students can volunteer to complete project work at any point if they develop an interest within one area of the course. Support and time can be made available during enrichment for this project work to be completed and students are encouraged to read around a subject to increase their scientific vocabulary and knowledge.

Certificates will be available for any student undertaking such a project, CREST awards may be applied for if the work is of an appropriate standard. CREST awards are a nationally recognised achievement and several different levels can be awarded from an introductory level to a Gold level standard. (Subject to a successful application by the school in September).

Assessment schedule

Type of assessment

Completed

End of topic tests

Each half term

End of year exams

In June of each year

Knowledge organizer check-ups

Weekly

Other information

Students will have access to many resources within school, and may decide to take some of these home if they develop an interest within a subject. These range from topic booklets and posters to work they will complete in lessons.

Knowledge organisers will be available that cover the key scientific language that students need to learn, copies of these will be available in class and for students to take home if they wish.