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Curriculum Implementation – Science
Key Stage 5

Key Concepts Taught

- A level Chemistry, Biology and Physics

How You Receive Feedback

- Marked questions (evidenced in red pen) with feedback.
- Marked exam papers or class assessments (evidenced in red pen) with feedback.
- Verbal feedback in class.
- Practical endorsement booklets.
- Support in class with questions (evidenced in red pen).

How do Lessons Link to Key Concepts

- The content is driven by the need to build on topics taught in Year 12 when students reach Year 13. There is little time to revise topics in lessons so students are expected to do independent work outside of the classroom (equal to the number of lessons in the classroom each week).

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How we get Support with our Lessons

- Support is offered in Science through:
  - Scaffolding and modelling.
  - Questioning.
  - Practising of skills.
  - Practise of examination questions.
  - There is a focus throughout on preparation for the rigour of A level exams.

Retrieval Practice Opportunities / Supporting Ways to Help us Remember

- Starter questions and home learning tasks will revisit material.
- Research home learning tasks support preparation for lessons.

Opportunities for Literacy

- Consistent focus on answering exam style questions.
- Understanding how to answer them using the mark scheme.

Opportunities for Numeracy

- Continual focus on numeracy in all three sciences.
- Understanding of how maths is taught and applying these techniques to science lessons.

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Opportunities for Oracy

- Discussions in lessons.

Opportunities for Character Education

- Opportunities to work with younger students and run practical experiments during Open Evening.

Opportunities for SMSC

- Students able to work in small groups in lessons and discuss answers / methodology.

Opportunities for Assessing Learning

- PPEs.
- Assessments in class.
- Exam question starter questions.
- Exam focus in lessons.