

Curriculum Implementation – Science

Key Stage 3

Key Concepts Taught

- Matter
- Reactions
- Organisms
- Forces
- Genes
- Electricity, Magnets and Electromagnets
- Energy
- The Earth
- Waves

How You Receive Feedback

- Feedback will be provided through regular marking of exercise books and work on Google Classroom, as well as summative end of term exams

How do Lessons Link to Key Concepts

- The lessons are sequenced to teach the key concepts as outlined above.
- The curriculum is designed to revisit the key ideas and develop them when they are returned to.





**How we get
Support with our
Lessons**



- Support in lessons will be primarily from the teacher.
- In certain cases, students with additional needs may have assistant teachers supporting in the class or working with them directly.

**Retrieval Practice
Opportunities /
Supporting Ways
to Help us
Remember**



- Activities will be built into lessons.
- It will also be explained how the lesson being taught fits into the wider curriculum.

**Opportunities for
Literacy**



- There are many opportunities in Science lessons for literacy including reading, summarising texts, using different media and the introduction and reinforcement of key words.

**Opportunities for
Numeracy**



- Students will analyse and present data in graph and tables.
- As examples they will also calculate means, percentage change, make conversions of units and use standard form.





Opportunities for Oracy



- Students will be encouraged to develop explanations to scientific questions.
- There will be opportunities provided for students to debate science issues.

Opportunities for Character Education



- Throughout the course students will be asked to consider ethical and moral questions for example relating to health and sustainability.

Opportunities for SMSC



- Students will have opportunities to learn about healthy living and the influence science has on the world.

Opportunities for Assessing Learning



- Ongoing through questioning and formative and summative assessment.

