

The Science Department

The Science department is a strong department within the school. There are currently nine members of staff who teach Science and two laboratory technicians. We are all specialists, and work very much as a team bringing to it a wide range of expertise and interests. We all share a love of the subject.

The department aims to participate in initiatives within and beyond the school as part of our professional development. The department has linked with several schools in Norfolk and many outside agencies.

In Year seven, the pupils are taught in mixed ability groups throughout the year. In Year eight, pupils are grouped according to ability. At the end of Year eight, the top fifty-eight pupils are invited to start Triple Science (three **separate** Science GCSEs in Biology, Chemistry and Physics) at the beginning of Year nine. Those students not doing Triple Science in Year nine follow Double Science (two **combined** Science GCSEs). In Years ten and eleven, pupils continue to follow either the Triple or Double Science courses. Pupils are entered at either Higher or Foundation tier for their Science examinations.

Courses

In Years seven and eight, schemes of work and resources follow the Key Stage Three National Curriculum for Science.

At GCSE (Years nine to eleven), pupils studying Double Science follow the AQA Combined Science: Trilogy specification using the Collins materials. Pupils studying Triple Science follow the AQA Biology, Chemistry and Physics specifications, again using the Collins materials.

We also offer GCE A-level Biology, Chemistry and Physics (AQA specifications).

Accommodation and Resources

Science is taught in eight fully-equipped, modern laboratories. The laboratories form part of a purpose-built Science block (which also includes a large Preparation Room and office). All laboratories have whiteboards linked to projectors and DVD players.

The Science department is well-resourced. The school has two fully equipped ICT suites with 30 computers in each. The library is well stocked with Science literature.

Events and Activities

The Science department offer a range of events and activities throughout the year.

These include:

- GCSE and GCE revision days
- STEM Club
- Regional competitions
- Visits and trips
- Impact Days
- Visiting speakers
- Involvement with scientific community
- And much, much more.....

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