

About Science at Millom School

The Science Department is at an exciting stage in its future development, having seen recent success at both GCSE and A level it is looking to continue to build upon this; raising both attainment and achievement throughout all year groups. Our expectations of all students are very high and departmental staff aim to work with them so that they can take advantage of the opportunities that are offered and make the most of the time they spend at Millom School. The successful candidate will have an opportunity to take part and influence the growth and development of the department, whilst gaining valuable experience and continued professional development.

Personnel

The Science department includes a range of experienced staff, all of whom are actively encouraged to take part in the departmental decision making processes. It currently consists of 2 full time science teachers including the Head of Department, 5 part-time teachers of science, and a laboratory technician. Within the staffing there are three biologists, one chemist and one physicist.

Departmental Organisation

We have comprehensive Schemes of Work for all key stages and excellent resources; that provide a useful framework and support departmental staff in their planning of exciting and inspiring lessons.

Key stage 3 students receive three fifty-minute lessons per week.

In year 7, Science is taught initially in mixed ability form groups before being placed in sets, informed by close monitoring of assessment data collected, at the end of autumn term.

At the start of year 8 and 9 the sets are reviewed with reference to the data that has been collected throughout the previous year.

At Key Stage 4 we offer AQA Combined Science (Trilogy), Chemistry, Biology and Physics GCSE, providing a range of different learning pathways for students to maximise their potential. The students are set on previous data including Key Stage 3 Teacher Assessment.

At present Combined Science receive six fifty-minute lessons a week.

The Separate Science students receive nine fifty-minute lessons across the three subjects.

The Sixth Form are following the AQA Specifications for 'A' level in Chemistry, Biology and Physics. The students all receive five fifty-minute lessons a week. Btec Level 3 Applied Science students also receive the same teaching hours.

Departmental organisation – room allocation

All the teachers in the department teach in their own laboratory, accommodated next to each other on the same floor. There is also a departmental office which has a network point and telephone. Each room has a computer, projector and whiteboard.

Departmental organisation – texts and resources

A wide variety of resources are available at Key Stage 3 to support the delivery of the departments' schemes of work.

At Key Stage 4, text books by Hodder are used to support Biology, Chemistry, Physics and Combined Science. CGP resources are also used to supplement revision and homework. A-Level teaching is supported by CGP and Advanced Biology, Chemistry and Physics for You text books.