



The Mathematics Department

The Department

Mathematics is at an exciting point. Between 2009 and 2014 it has seen rapid improvement in student progress and outcomes. The appointment of new staff has provided the department with a full complement of specialists, as well as an SEN support member of staff. The team has been led by an experienced member of staff who has enabled strong foundations to be put into place, on which to build and develop the department and the teaching of Mathematics. The team have also worked with a respected consultant to develop the skills of becoming a high performing team. We are seeking a hard-working, creative and strong team worker, someone who is willing to share good practice as well as learn from others. If those are qualities you feel you possess, Birches Head Academy welcomes your application for this post. We federated with the Alpha Trust in preparation for formally joining this forward-thinking Trust by September 2018. By joining the Trust we anticipate strengthening further our current excellent network links across the City.

The team comprises of:

- Head of Mathematics
- Second in Department
- Numeracy Coordinator
- 2 Full time Mathematics teachers
- 1 support assistant for Mathematics

An Assistant Headteacher is the senior line manager for Mathematics.

Facilities

Through Building Schools for the Future the Mathematics area was rebuilt providing a suite of rooms, including a resource and small group work room. The area is fully supported by ICT, with all rooms equipped with interactive whiteboards, data and electrical outputs that enable individual and collaborative work using digital media. A bank of laptops are based in the area to enable use of ICT and to enable personalised learning. As with all other teams in the school there is further access to portable devices, including i-pads, digital cameras, a learning gateway and technical support through our central resource.

Curriculum

KS3 curriculum is delivered over 2 years using Mathematics Framework as the basis for our Scheme of Work. Students are assessed 3 times per year in line with the school data entry system, and this information is used to monitor progress. Students are set according to ability in both key stages 3 and 4

At KS4 the department at present offers:

- GCSE Mathematics

We are currently following the OCR linear Mathematics specification over 3 years, both higher and foundation.