



## Information for Post of Assistant Curriculum Team Leader of Mathematics

The Maths Curriculum Area at Congleton High School is a rapidly developing department which is committed to providing a quality mathematical education to students of all ages and ability.

There are currently seven staff teaching mathematics as well as two Learning Support Assistants who are attached to the area. The seven maths classrooms are suited and each has its own computer and data projector. Staff in the area are supportive of each other and work as a team towards the department's goals of high standards and achievement.

### Key Stage 3.

Students in Years 7, 8 and 9 are organised in to sets according to ability and have six one hour lessons of maths every two weeks. The main text used throughout KS3 is 'Maths Frameworking' published by Collins. In September 2008 we launched a revised scheme of work for year 7 students which includes functional mathematics and a greater emphasis on the application of skills. This was rolled out to year 8 in September 2009. Students are regularly assessed against national standards and each is set a target for achievement over the year and Key Stage. We have a well developed programme of events for gifted and talented students of mathematics to take part in over the Key Stage.

### Key Stage 4

Students in Years 10 and 11 are organised in to sets according to ability and have six one hour lessons of maths every two weeks. At GCSE we offer Edexcel Linear Course in Mathematics. The main text is GCSE Maths published by Oxford which offers 4 routes of progression for students to follow depending on prior attainment. These are Higher Plus, Higher, Foundation Plus and Foundation. Students are regularly assessed against GCSE standards and each is set a target for achievement over the year and Key Stage.

### Key Stage 5

AS and A Level Maths has become a popular choice in the Sixth Form. Students in Year 12 and 13 have 9 lessons every two weeks. For the past two years we have and 2 groups in both Y12 and Y13. At AS level our students sit modules C1, C2 and D1 or S1. Those choosing to continue with A2 maths go on to take C3, C4 and either M1, S1. We also offer AS Further Maths for a small number of talented students.

All staff make good use of ICT in lessons. We subscribe to the following websites

- [www.mymaths.co.uk](http://www.mymaths.co.uk),
- [www.kangaroomaths.com](http://www.kangaroomaths.com)
- [www.activemaths.co.uk](http://www.activemaths.co.uk)

and have licences for the following software

- KS3 Testbase
- Edexcel GCSE ExamWizard
- Edexcel GCE ExamWizard
- Edexcel Data Handling Tool
- Autograph
- Boardworks
- Mathswatch
- Numeracy Workout

The school has its own VLE site which can be found listed at [www.school-portal.co.uk](http://www.school-portal.co.uk). The Maths area of this site has been developed extensively over the past couple of years to enable and encourage independent learning amongst our students.

Along with Design and Technology and Science, Mathematics is one of the core subjects for our Engineering Specialist School status. We have high expectations for the future and have set ourselves challenging targets for improvement.

We are seeking to appoint a well-qualified teacher who can demonstrate:

- Outstanding ability and interest in teaching Mathematics throughout the secondary age and ability range
- A genuine commitment to students
- That their students consistently make progress in line with or beyond targets set
- Excellent communication and interpersonal skills
- Enthusiasm, drive and initiative
- The ability to interest, inspire and motivate students to achieve their full potential
- High personal standards and expectations of others
- The ability and desire to play a major role in the development of the maths curriculum area working closely with both the Curriculum Team Leader and Deputy Team Leader.
- The ambition to progress further in his/her career
- A sense of humour and positive approach to all aspects of his/her work