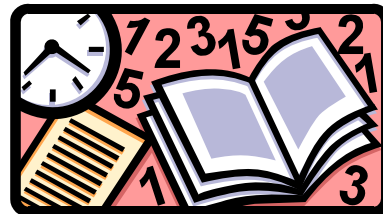


## Maths Department



### The UKMT Team Maths Challenge 2007

On March 6th, we (Lydia Alexander, Jaspreet Lally, Eleanor Raymond and Lucy Topham) went to compete in the Team Maths Challenge Competition. We caught a taxi from school with Mr Jones at 9-00am and when we got to the competition, we chose a table and began to work out the 10 practice questions that had been put on the table for us. When all the schools had arrived, we had a quick talk about the Maths Challenge and then the teachers were moved around. Mr Jones left us and a teacher from Carlisle supervised us for the rest of the rounds.

The first round was the cross-number, when our team split into two. Two people were given the across clues and two people were given the down clues. We could only communicate through the teacher sitting between us, and some of the questions were very hard! In the second round, we had to do 10 difficult questions in 45 minutes. They were very hard and we only got 6 of them right, although we did answer them all. Then we had lunch. We had all brought packed lunches, except for Mr Jones who got one free!

After lunch, there were two more rounds, the Head-to-Head round and the Relay Race. In the Head-to-Head round, another school came and sat with us and we tried to work out numbers in a sequence. We were given a list of numbers with two numbers under the first two in the list. We had to work out what we had done to the first number to get the second number, and then apply that to the next number in the list. The other school's team were guessing as well, and their sequences were very hard!

In the final round of the day, half of our team went to sit on the other side of the hall and the teachers sat along one wall. Each half of our team had to answer a question, give it to the teacher to mark and if it was right, then we were given the next question for the other half of the team to answer. We then had to go across the hall, dodging tables, to give them their question.

We had a very good day and came back 11th out of the 25 schools that had entered the competition. We had a lot of fun and hope that next year, we will come even higher in the rankings!

By Eleanor Raymond, Year 9

### Charlotte Squires-Parkin

Many congratulations to Charlotte, who has been selected to join the UK International Mathematical Olympiad training Camp in Bath following a successful week at Birmingham University where she attended a summer school. Charlotte in Year 11 achieved an 'A' in her Further Maths A level (having already gained an 'A' in A level Maths last June) as well as her GCSEs this summer.

P Farrin, Head of Maths