



Poster Competition

In addition to four rounds similar to those at the regional finals (Group Circus, Cross Number, Head to Head and Relay), there will be a **Poster Competition** at the National Final. All teams are required to submit a poster. This will be judged separately and will not affect the Team Maths Challenge score, but forms an integral part of the National Final.

After the competition some posters may be retained by the UKMT in order to be reproduced for promotional purposes; all the original posters will eventually be returned to schools.

On the day, teams will have 60 minutes to create a poster on a sheet of A1 paper (landscape), which will be provided. Sheets of A4 paper will also be available.

The subject of the poster will be **Circuits and Tours** (see additional information sheet). Teams must carry out research into this topic in the weeks leading up to the final.

Teams may create materials beforehand, but such prepared work must be on sheets no larger than A4 and must be assembled to create the poster on the day.

A team which arrives with a poster already assembled will be disqualified.

The materials of the poster must not extend beyond the edge of the A1 paper.

The judges will not touch the poster, so all information must be clearly visible.

There must be nothing on the front of the poster to identify the team.

Reference books may not be used at the competition, and large extracts copied directly from books or the internet will not receive much credit.

Teams must bring with them any drawing equipment they think they will need.

Glue sticks and scissors will be provided.

The content of each poster is only limited by the imagination of the team members. **However, on the day, each team will be presented with three questions on the subject, the answers to which must be incorporated into the structure of the poster.** Teams may be asked to provide geometric or algebraic proofs, and some ingenuity may be involved.

Posters will be judged on the following criteria:

General mathematical content	(12 marks)
Imagination and presentation	(12 marks)
Answers to the three questions	(24 marks)