



The UK Mathematics Trust
and
The Further Mathematics Support Programme

2011/12 Senior Team Mathematics Challenge

A team competition for 16 -18 year-old
students testing mathematical,
communication and teamwork skills

Over 50 regional heats will take place across the UK in
autumn 2011 — see reverse of this leaflet for locations.
For full details visit: -

www.furthermaths.org.uk/stmchallenge.php

Winners will be invited to the national final on
Wednesday 1 February 2012 in London.



Supported by
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www.furthermaths.org.uk

www.ukmt.org.uk

Senior Team Mathematics Challenge

Regional heats of this competition will take place at over 50 venues across the UK in autumn 2011. Each heat will last for approximately three hours.

Each school/college may enter one team. This team must consist of four Year 11, 12 or 13 (or equivalent) students with no more than two students from Year 13.

Each team must be accompanied by an adult who must stay throughout the duration of the competition.

There will be:



A group round: 10 questions which the teams have 40 minutes to solve. Teams must decide upon their own strategy: work in pairs, as a group or individually.



A crossword: a mathematical crossword puzzle with one pair from the team solving the across clues and the other pair solving the down clues.



A mini-relay: members of the team have to answer mathematical questions, which they can begin work on immediately but information passed from other members of the team is needed to solve them completely.

- More details of the rounds, questions and solutions from previous years can be found at www.furthermaths.org.uk/stmchallenge.php
- Please use these resources with any students in your school/college and to help familiarise your team with the structure of the competition.
- There is an entry fee of £25 per team. Please make cheques payable to 'MEI'.
- For a complete list of regional heats, venues, dates and times, see www.furthermaths.org.uk/stmchallenge.php
- If you have any questions, please email: - stmcc@furthermaths.org.uk

The winning team from each heat will be invited to the national final on Wednesday 1 February 2012 in London.

Application Checklist

Have you: -

Fully completed the application form

Enclosed a cheque for £25

(please ensure that cheques are made payable to MEI)

If you have not received confirmation of your entry within two weeks of posting, please email: stmc@furthermaths.org.uk

Further Mathematics Support Programme Registration

If your school/college is in England or Wales and is not registered with the Further Mathematics Support Programme:

Schools and colleges that are registered with the Further Mathematics Support Programme are granted a free staff password for the extensive and highly-reputed Integral online resources (excluding modules C1 to C4); will be invited to participate in study days, revision days and student enrichment activities; and have the opportunity to make use of the tuition available through the Programme.

Registration involves completing a simple form with contact details, details of your current mathematics provision and details of the type of support that your school/college may require from the Further Mathematics Support Programme.

Please tick if you would like your school/college to be registered with the Further Mathematics Support Programme

Registration with the Further Mathematics Support Programme is only available to schools/colleges in England and Wales at the moment.

If your school/college is in Northern Ireland, Scotland or the Channel Islands and would like to find out more about the support it could receive through the Further Mathematics Support Programme then please contact us at: -

www.furthermaths.org.uk

Senior Team Mathematics Challenge Entry Form

Please list your preferred venues in order
Note that places will be allocated on a 'first come, first served' basis

We are only able to accept one team per school/college

Further details of heats and availability can be found at:

www.furthermaths.org.uk/stmchallenge.php

1.

2.

3.

Name of your school/college:

Contact name:

Email:

Address:

Post code:

Telephone:

Mobile*:

UKMT centre number:

* Required so that we can contact you on the day if necessary

Please send your entry form together with payment (£25) to:
STMC, MEI Office, Monckton House, Epsom Centre,
White Horse Business Park, Trowbridge, Wiltshire, BA14 0XG

Please make cheques payable to MEI

We MUST receive an application form and correctly completed cheque in order to reserve a space. As spaces are limited, exceptions cannot be made.

Senior Team Mathematics Challenge Locations

Over 50 heats will take place across the UK in
autumn 2011 in:

Belfast • Billericay • Birmingham • Bristol
Cambridge • Cardiff • Channel Islands • Chester
Chippenham • Cobham • Coventry • Derby
Edinburgh • Glasgow • Gloucester • Guildford
Hemel Hempstead • Hull • Ipswich • Keele • Lancaster
Lancing (Brighton) • Leeds • Lincoln • Liverpool
London East • London North • London South East
London South West • London West • Loughborough
Manchester • Middlesbrough • North Shields
Northampton • Norwich • Nottingham • Oxford
Plymouth • Poole • Reading • Sheffield • Solihull
Somerset • Southampton (Winchester) • Stafford
Tiverton • Truro • Wendover • Wolverhampton
Worcester • York

Additional heats may be added. Please check the web address below
for further details and updates.

Please return your application form with payment as soon as possible.
Places will be allocated on a first come, first served basis.

www.furthermaths.org.uk/stmchallenge.php
