

UKMT

Senior Mathematical Challenge (UKMT-SMC) & British Mathematical Olympiad (UKMT-BMO)

The most popular mathematical challenges in UK.

UKMT-SMC

UKMT-BMO Round 1

UKMT-BMO Round 2

- ★ The most popular mathematical challenges in UK
- ★ Over 700,000 participants all over the world every year
- ★ Three levels eligible for different age groups
- ★ Strengthen the competitive edge of application for top universities
- ★ Encourage mathematical reasoning, precision of thought, and fluency in using basic mathematical techniques

Language: English

Date: UKMT-SMC - Oct 8, 2026

UKMT-BMO Round 1 - Nov. 19, 2026

UKMT-BMO Round 2 - Jan. 21, 2027

Form: Online

Deadline: 2 weeks before the competition



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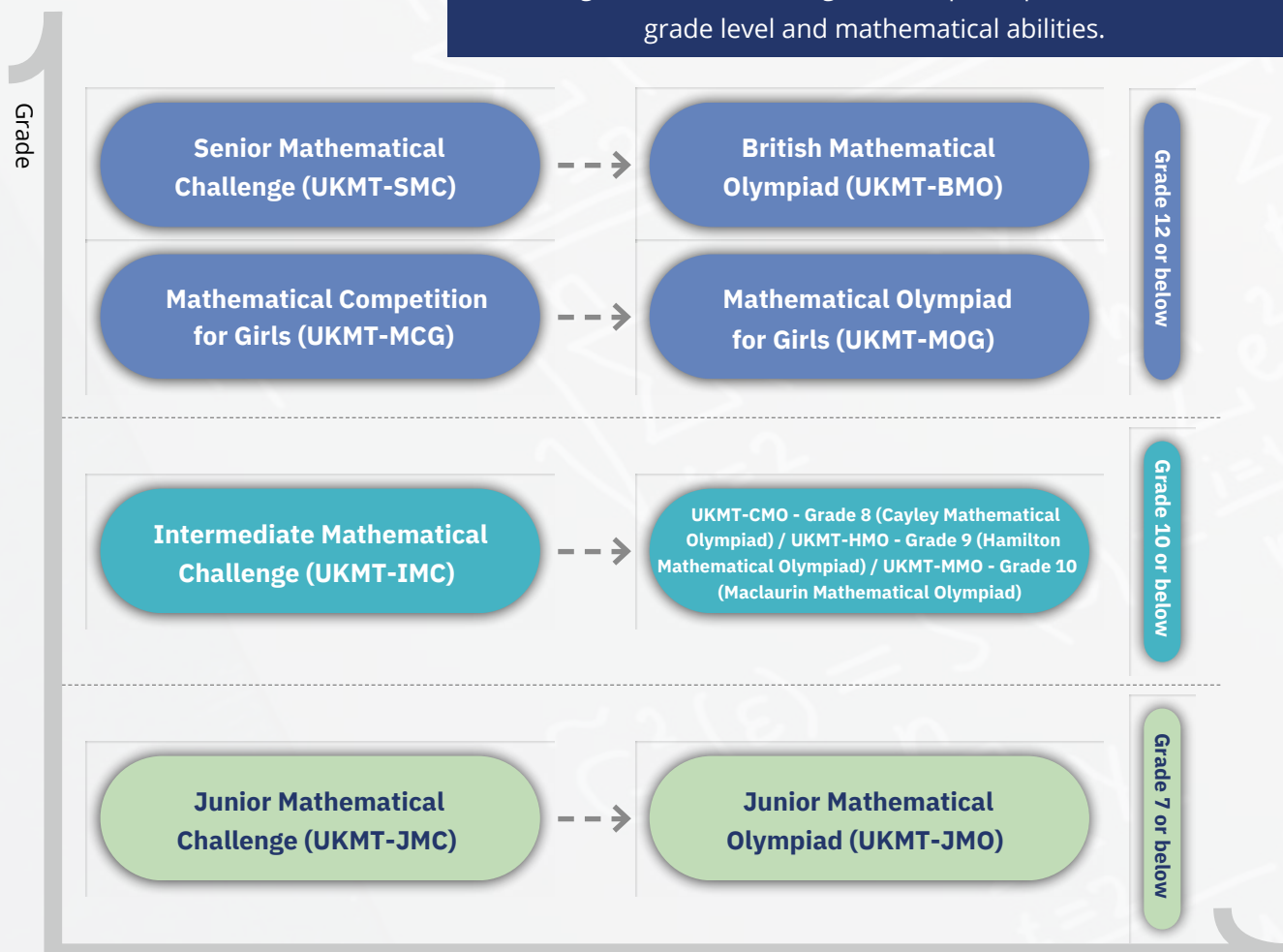
About UKMT-SMC and UKMT-BMO

The Senior Mathematical Challenge (UKMT-SMC) is suitable for grade 12 or below students. It focuses on cultivating students' logical thinking and the problem-solving ability that apply mathematics precisely and fluently. The problems are highly challenging and flexible, typically cover key math topics in high school such as geometry, number theory, permutations, combinations and little algebra and applied problems, along with some stimulating problems that do not involve advanced mathematical knowledge for both beginners and experienced problem-solvers.

British Mathematical Challenge (UKMT-BMO) is a follow-on round to the Senior Maths Challenge. It has two rounds: Round 1 and Round 2. Only the award winners participants in UKMT-BMO Round 1 can take part in Round 2. Differ from the multiple-choice questions of the UKMT-SMC, UKMT-BMO questions required students to write full proofs in order to assess students' overall mathematical ability. In the UK, only students with excellent UKMT-SMC results are eligible to participate in UKMT-BMO Round 1. International students can register for UKMT-BMO Round 1 directly.

UKMT Challenges

Note: There is no promotion relationship between the following challenges. Students can register and participate based on their grade level and mathematical abilities.



Mathematical ability

■ British Mathematical Olympiad (UKMT-BMO Round 1)

Language: English

Date: Nov. 19, 2026 (Thu.) 210 mins

Form: Online

Student Eligibility: Grade10-12 / Year 11-13

Scoring Rules: Proof questions, 10 marks each. Blank answers will be marked as 0. Partial marks for correct working. Full steps needed. We advise working in rough first, then writing up your best attempt. One complete solution will gain more credit than several unfinished attempts.

Awards

- Gold Medal: Top 20 in UK
- Silver Medal: 21-50 in UK
- Bronze Medal: 51-100 in UK
- Distinction: the 2025 thresholds is 18+, about the top 25% of students achieved this award

- Merit: the 2025 thresholds is 7+, about the top 66% of students achieved this award

* The top Scoring students will receive a Certificate of Distinction or a Certificate of Merit depending on the cut-off score. Also, those who reach the Gold, Silver or Bronze thresholds will receive the corresponding medal. Non-awardees will receive an e-Certificate of Participation.

BMO Round 2 qualification threshold: Around 100 top-scorers in UK will qualify in BMO Round 2. International participants will be awarded based on the UK thresholds.

2025 BMO Round 2 thresholds: 7

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■ British Mathematical Olympiad (UKMT-BMO Round 2)

Language: English

Date: Jan. 21, 2027 (Thu.) 210 mins

Form: Online

Student Eligibility: Round 1 qualified students

Duration: 3.5 hours

Scoring Rules: Proof questions, 10 marks each. Blank answers will be marked as 0. Partial marks for correct working. Full steps needed. We advise working in rough first, then writing up your best attempt. One complete solution will gain more credit than several unfinished attempts.

Awards

Global Awards (2026 thresholds)

- Distinction: 18+
- Merit: 9+

International participants will be awarded based on the UK thresholds.

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