

MATHEMATICS WITHOUT BORDERS INTERNATIONAL TOURNAMENT

REGULATIONS

1. The tournament is for students aged 7 to 18 years who will be divided into nine age groups.

Group 1 – students born in 2019	Group 5 – students born in 2015
Group 2 – students born in 2018	Group 6 – students born in 2014
Group 3 – students born in 2017	Group 7 – students born in 2013
Group 4 – students born in 2016	Group 8 – students born in 2012
Group 9 – students born in 2011 or earlier (15-18-year-old students)	

2. The tournament is held remotely in three rounds and ends with a final contest in Bulgaria.

Autumn round – October

Winter round – February

Final round – July, Nessebar, Bulgaria

3. Participation fees for each round are determined prior to the start of the tournament for the respective school year and are paid by the partner school/organisation via bank transfer for all participants.

4. The test for each group consists of 20 open-ended questions. Time allowed: 60 minutes.

Each problem is scored 2 points for a correct answer; 1 point is scored if there are two or more answers and at least half are given, or if one wrong answer is given in addition to the correct answer(s); 0 points in all other cases.

5. An application form should be sent no later than 2 days before the start of each remote round of the tournament to mwb_en@mathwithoutborders.bg. The minimum number of participants is 20.

6. Before each remote round, the organisers will send the tests for each age group, the answer key, an answer sheet and a sample results report (protocol).

The partner schools shall ensure that no participant has direct or indirect knowledge of the competition tests. They shall also ensure that all problems and their solutions are kept strictly confidential until the results of the respective round are announced.

Upon request, after the announcement of the results of the respective round, participants may obtain the problem statements. The problems are not published on the tournament website.

7. The participating school must choose a convenient day and hour within the calendar period for each round. The partner school conducts the competition, ensuring a fair and just testing environment. Marking will be carried out by committees in the schools where the competition takes place. The results report form must be sent to mwb_en@mathwithoutborders.bg within three days of the competition. The results report must be accompanied by a scanned document as proof of a paid participation fee.

8. The ranking for each round is separate, and is carried out according to age groups. In the case of equal

scores the higher-ranked participant will be the one who has spent less time solving the problems.

9. The prizes for each remote competition are gold, silver and bronze medals, and certificates for all participants. The prizes will be sent to the address provided by the participant within 30 days of each preliminary round.

The number of students who receive medals in each round will be up to 30% of the total number of participants - 5% will receive gold medals, 10% - silver and 15% - bronze.

FINAL ROUND

10. In March, the tournament's official travel agency sends accommodation offers to partners. Participating countries arrange their stay through the official travel agency or an agency of their choice.

Travel and accommodation in the town of Nessebar, Bulgaria, for students who will participate in the final competition and their teachers and/or parents will be at the expense of the participants.

The tournament organisers send a sample registration form and other necessary documents, which must be submitted by 30 April. Those needing visas should submit the documents for the finals by 15 April so they can receive an official invitation in time.

11. The final competition is carried out in the same format as in the preliminary rounds – 20 open-ended questions in 60 minutes.

12. The participants who take the top places in each age group in the final individual competition will receive gold, silver and bronze medals. The first 12% (of the total number of participants for each age group) in the ranking will receive a gold medal, the next 16% - a silver medal, the next 22% - a bronze medal.

The ranking is based on the number of problems solved (points earned). In the event of a tie, the higher-ranked participant will be the one that spent less time solving the problems.

13. The ranking for the *Mathematics Without Borders Cups* will be determined based on the sum of the arithmetic average of the scores obtained in the two preliminary rounds and the doubled individual final competition score. The three most successful students from each age group and country will be included in the ranking for the Tournament Cups.

14. Special prizes and the title *Math Star of the Tournament* will be awarded to each country's most successful contestant. This is the participant who achieved the largest margin of victory over the runner-up in the standings for the relevant class.

15. The winners of three Tournament Cups are honoured with the title *Legend of the Tournament* in the edition following the third cup won.

16. The Mayor of Nessebar, a patron of the tournament, will award the most successful contestant and the teacher with the highest contribution to the tournament.