

**MATHEMATICS WITHOUT BORDERS INTERNATIONAL TOURNAMENT  
REGULATIONS 2018/2019**

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

Group 1 – students born in 2011

Group 5 – students born in 2007

Group 2 – students born in 2010

Group 6 – students born in 2006

Group 3 – students born in 2009

Group 7 – students born in 2005

Group 4 – students born in 2008

Group 8 – students born in 2004

Group 9 – students born in 2003 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 – in October

Winter round – in January/February

Spring round – in March

Final – in June/July

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

4. An application form should be sent no later than 3 days before the start of each remote round of the tournament to: [mwb\\_en@abv.bg](mailto:mwb_en@abv.bg) and [mwb\\_en@mathematicalmail.com](mailto:mwb_en@mathematicalmail.com). The minimum number of participants is 10.

5. Before each remote round, the organisers will send the tests for each age group, the answer key, an answer sheet and a sample result report.

6. The participating school must choose a convenient for them day and hour from the calendar period for each round. The 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@abv.bg](mailto:mwb_en@abv.bg) and [mwb\\_en@mathematicalmail.com](mailto:mwb_en@mathematicalmail.com) no later than three days after the competition has been held.

7. The ranking for each round is separate, and is carried out according to age groups. In the case of an equal number of solved problems, the higher ranked participant will be the one who has spent less time solving the problems.

8. 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 the conduct of each of the preliminary rounds.

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

### **FINAL ROUND**

9. Participation quotas for the finals in Bulgaria will be announced on the web site of the tournament after the second round.

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.

10. The finals consist of two different contests – individual and team, held over the course of two days.

11. The participants who take the top three places in each age group in the final individual competition and in the team competition will receive gold, silver and bronze medals (the total number of medal holders will be 50% of the total number of the finalists from each age group).

The ranking is carried out according to the number of solved problems (points earned). In the case of an equal number of solved problems, the higher ranked participant / team will be the one that has spent less time solving the problems.

12. The ranking for the *Mathematics without Borders* Cups will be determined based on the sum of the two best results of the three remote rounds and the tripled result of the final competition. The three most successful students from each age group and country will be included in the ranking for the Tournament Cups.

13. Special prizes and the title *Math Star of the Tournament* will be received by each country's most successful contestant.

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

15. The teachers from all participating countries with the greatest contribution to the promotion of the tournament will be awarded by the organisers.