

2023 MAESA Math Challenge



MID-ATLANTIC
EPISCOPAL SCHOOL
ASSOCIATION

Friday, April 18, 2023

ST. PATRICK'S EPISCOPAL DAY SCHOOL, WASHINGTON, D.C.

GUIDELINES

Contact for Information: Beth Cole coleb@stpatsdc.org

Number of Participants: Two (2) participants and one (1) alternate per age group

Age Groups: Grades 4-6 & Grades 7-8

Competition: Grades 4-6 11:30 am - 1:00 pm
Grades 7-8 9:30 - 11:00 am

- **Please indicate on the registration form the names of faculty members who have agreed to help with the judging of this event.**
- For each age group, medals will be presented to the top three individuals

RULES AND PROCEDURES

1. Questions for the Math Challenge will be aligned with the ISMAW math meets and the national MATHCOUNTS competition, although they will be independently produced. Math Challenge questions are designed to test each student's knowledge of math and not to confuse or trick participants. A teacher-guided student review that uses an educational approach is recommended as a way to prepare contestants. Teachers may suggest that students use the **NCTM Problems of the Week** or **MATHCOUNTS Problems of the Week** as a guide. Students can also check online at Continental Math League for additional resources.
2. **Round 1:** Contestants will work independently on 20 math questions in the 20 minute independent challenge. Calculators are **not** allowed.
3. **Round 2:** Contestants will work independently on 3 pairs of two problems with 7 minutes per pair of problems. Calculators are allowed.
4. Complete instructions will be read to all contestants before each round.
5. There will be a brief break between rounds.
6. Judges will determine the ranking of each individual participant. If the top three individuals are clearly identified, the individual round is complete. Scores will be calculated as the sum of the total number of correct answers in Round 1 and double the number of correct answers in Round 2. If there are any ties in the individual round, individual student work will be compared.