

**For every aspiring young mathematician who enjoys the fun of a challenge and problem solving
- to prove to yourself “I can do this ” - Math Olympiad is for you.**

Course Cost: \$310

Math Olympiad (“**MOEMS**”), is a team based approach to solving creative and out-of-the box Math Problems that puts the magic back into math. MOEMS provides the thrill of the discovery, that “Aha!” moment which brings with it deep satisfaction, of solving a problem and a sense of accomplishment.

Open to **Grades 3, 4 & 5**, students can join the BASC sessions offered on:

- Grades 4 & 5: Monday, Tuesday and Friday (maximum capacity 15 per session);
- Grade 3: Thursday (maximum 15)

The BASC sessions run for 15 weeks. Throughout the semester there are five competitions.

The goal of MOEMS is:

- To stimulate enthusiasm and a love for Mathematics
- To introduce important Mathematical concepts
- To teach major strategies for problem solving
- To develop Mathematical flexibility in solving problems
- To strengthen Mathematical intuition
- To foster Mathematical creativity and ingenuity
- To provide for the satisfaction, joy, and thrill of meeting challenge

INSTRUCTORS:

Derrick DiRienzo is currently a fourth grade teacher at Bronxville Elementary School. This is his fifth year in Bronxville and in the past, he has taught both general and special education in grades 3, 4 and 5. Derek is the MOEMS Head Instructor for the ES Division E Grades 4 and 5.

Megan Fischer is currently a third grade teacher at Bronxville Elementary School, having previously taught in Queens. Megan holds her masters in general education and special education with an undergraduate degree in Economics.

Who can join the team?

Students in grades 3, 4 and 5 are welcome to join the team.

What is the maximum capacity per session?

15

*** Good to know small print: We do need a minimum number of students per class in order to proceed. There is always the risk that we may not meet this requirement.

How does Math Olympiad work?

Two parts:

1. Team problem solving and training sessions. Weekly, creative learning and problem solving in a team dynamic setting.
2. Competitions. 5 contests, November through to March, competing against 200,000 students from 6,000 teams worldwide including all 50 states and about 30 other countries.

What Study Aids do I purchase?

MOEMS® CONTEST PROBLEMS Volume 2 edited by Richard Kalman & Nicholas J. Restivo.
MOEMS STUDY BOOK VOLUME 2

Additional study materials may be purchased via Math Olympiad. Calculators and other study aids are not permitted. Please remember to bring a pencil to study sessions.

How do the competitions work?

Taken individually 5 Contests 30 minutes per contest 5 easy-to-grade questions - the answers are either correct or incorrect, no partial credit. The questions become increasingly difficult from numbers 1 through 5.

Pencil and paper contests: no calculators or other aids required.

No travel – competitions will take place throughout the semester.

Unfortunately, per competition rules, there are no make-up dates for the competitions. Only one session for each of the five competitions will be provided.

What are the competition prizes?

Every participant receives a Certificate of Participation Students recognized in:

- Upper 50%
- Top 10%ile
- Top 2%ile

Trophy for the highest scorer Students receiving a perfect score (25/25) awarded the George Lenchner Medal.

Why join?

MOEMS is a not-for-profit corporation dedicated to – stimulating enthusiasm, – fostering creativity, and – strengthening intuition in mathematical problem solving. Using five contests, teams of up to 35 students explore mathematical concepts while developing flexibility in non-routine problem solving. The foundational skills nurtured are lifelong – the intellectual discipline of actively and skillfully conceptualizing, applying, analyzing, synthesizing, and evaluating information – stimulating innovative & creative problem solving.

Who is the main contact for Math Olympiad?

Anthony Vaglica

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