

# MATH OLYMPIADS 2019-2020

## For Grade 6 only

**\*NOTE: There will be NO coaching classes**

### PFC Guidelines

#### **MOEMS history**

Created in 1977 by Dr. George Lenchner, an internationally known math educator, the [Math Olympiads](#) went public in 1979. Last year nearly 170,000 students from 6,000 teams worldwide participated in the Olympiads. All 50 states and about 30 other countries were represented.

#### **MOEM Format**

- Contests are taken in the participating schools.
- Each contest consists of five nonroutine problems.
- Every problem requires careful mathematical thinking and has a time limit.
- Each student, working alone, scores 1 point for each correct answer. Thus, a student may score up to 25 points per year.
- Calculators are not permitted.
- When a problem introduces a more advanced concept, all necessary definitions are included.
- The detailed solution for each problem usually names the strategy required.
- Many solutions include follow-up problems and activities.
- After each contest, results are submitted to us for scorekeeping. Our records will determine which awards are to be shipped after the last contest.

#### **MOEM Dates 2019**

The highlights for students are the five monthly contests, given from November to March. These contests provide an incentive for students

to intensify their study of math. The number of contests reinforces learning to think mathematically. The contest dates are:

<i>2019/2020</i>	<i>November</i>	<i>December</i>	<i>January</i>	<i>February</i>	<i>March</i>
<i>Division M</i>	13	11	15	12	11

Notice that all DIVISION M contests are on Wednesdays.

### **Meeting dates**

November, 13 2019

December 11, 2019

January 15, 2020

February 12, 2020

March 11, 2020

Most likely from 2:15-3:00pm

\*exact time and location will be informed to the students as the tests approach

### **Eligibility**

IF STUDENT IS ENROLLED IN MATH COUNTS THEY WILL **NOT** BE ELIGIBLE FOR MATH OLYMPIAD (refer to the “Choose One Rule” for more details). Request parents to make sure their kids are passionate in MATH before they consider signing up the kids. Students only eligible for division M will be part of the team. SIGN UPS WILL NOT BE ACCEPTED AFTER Wednesday September 4, 2019. If sign-ups go above 30, there will be a placement test in the 2nd week of September (more information will follow). You will then need to submit a check of \$50 payable to Fallon PFC, to the office by Tuesday,

October 1. If the payment is not turned in by this date, the student's spot will be turned over to a waitlisted student.

### **Program format**

This program is mainly **registering students** (who are passionate in MATH) **and administering the MOEM tests. There will be no coaching classes.** Please make sure that the child is thrilled about challenging math problems. All communication will be through email. Depending on the logistics we will probably meet one time before the tests start to prep the student for the tests by informing them with the rules, regulations and a practice test. Parents will be kept up to date with all the information possibly needed.

### **Cost**

Nominal fee of \$35 will be charged to cover the basic cost of registration, administrative expenses, supplies etc. More details will follow.