

**Saturday March 4, 2017**

**The 7th & 8th Grade  
Problem Solving Tournament**

Sponsored by the  
**Great Cleveland Council of Teachers of Mathematics**

[www.mycctmonline.org](http://www.mycctmonline.org)

Dear educator,

The Greater Cleveland Council of Teachers of Mathematics is pleased to invite you and your 7th and 8th-grade students to participate in the 36th annual Problem Solving Tournament.

The purposes of this tournament are to:

- \*Promote enthusiasm for mathematics,
- \*Recognize students for their interest, perseverance, and talent in mathematics & problem solving,
- \*Challenge these students in an energising and competitive setting,
- \*Celebrate community-wide the achievements of these young mathematicians.

This year's tournament will be held on Saturday March 4, 2017 at 7 sites located throughout the Greater Cleveland area. We appreciate the generous commitment of our host teachers and their administrators, for providing facilities for this tournament.

The tournament problems support and extend Ohio's Learning Standards in Mathematics. Preparation for the Tournament provides excellent practice and enrichment for state assessments. The application of skills required in the tournament can assist students in reaching Accelerated or Advanced levels on the Performance Index and enhance your Value Added score on your school's Report Card.

The best preparation for you and your students is to practice problems from previous tournaments, which are distributed after the tournament to the teachers from the schools participating. Some problems from previous tournaments are available on our website. The registration packet may be viewed and downloaded at this GCCTM site: [www.mycctmonline.org](http://www.mycctmonline.org).

Note to host site Coordinators:

GCCTM will pay the registration fees for up to **four teams** . However, to reserve enough space, you must register all of your teams on the Registration Form / Invoice, and send it in ASAP.

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**Registration Coordinator:** Wade Zwinger- (contact for questions concerning registration)  
Email: [zwingerlw@lakeridgeacademy.org](mailto:zwingerlw@lakeridgeacademy.org)  
Voice mail: 440 327-1175 ext 9250

**Kristen McGinness:** Contact for questions concerning the contest.  
Email: [mcginnessgcctm@gmail.com](mailto:mcginnessgcctm@gmail.com)

**Team Allowance & Fees:** Teams will consist of 3 students from the same grade. If needed we will permit a 7th grade student to be on an 8th grade team, but they will be at a disadvantage. We will not permit teams with less than 3 members. A fee of \$15 is charged for each team entering the tournament. **The registration fee must be received by January 13, 2017.**

Because space is limited at each tournament site, **registrations will be accepted until January 13th**, or until all space is filled, when ever comes first. To register, go to GCCTM's Contests page at: <http://mygcctmonline.org/contests.php>.

**Supervision:** each school must send at least one faculty member for every 4 teams to help supervise and facilitate the tournament. If a school is sending less than 4 teams, at least one supervisor must accompany them.

**Materials:** Each student should have sharpened pencils, a calculator, a protractor, and a ruler. Other materials will be provided.

Time schedule: 8:30-8:50am Registration (**please do not arrive before 8:30 AM**)  
8:50 Welcome and instructions  
9:00 Tournament begins  
10:45 Refreshments  
11:15 Awards Ceremony

(Parents and family members are encouraged to attend the awards ceremony.)

**Events:** The problems used in this tournament will consist of challenging problems that reflect the expectations detailed in the Ohio's New Learning Standards and by the National Council of Teachers of Mathematics. The problems have been prepared by a committee of GCCTM members. This group or its representatives will act as arbiter for all questions regarding the scoring of this tournament.

**Tournament Procedures:**

Each team will compete in four events which make up the tournament. Calculators are permitted in all rounds, except the mental math rounds. The four rounds are: The Pile, Mental Math(individual work), Six Places to Start, and Hurdles.

**Guests:** Parents and guests are encouraged to support their students by attending the awards assembly following the competition. A room will be available for parents and/or guests to stay during the competition, but they are **not permitted in competition room or scoring room.**

**Awards:** Each student on a team will receive an award. Each team and the individuals on that team will be recognized in front of all participants. Members of teams scoring in the top 20% will receive a trophies. The teams in the next 40% percent will receive a blue ribbon(Champion). The teams in the final 40% will receive a red ribbon(Special Award).

**Publicity:** There is a press release that you are encouraged to use regarding the tournament. We Require one limitation on the press release. This tournament is in no way planned to be a comparison of the participating schools or school systems. Therefore any publicity released by any school will neither contain nor imply such comparison. At the tournament, students are not permitted to wear any clothing that advertises their school name, or school mascot. Schools which cannot comply with this condition are asked not to participate in the GCCTM Problem Solving Tournament.

**7th-8th grade Tournament Sites:**

Cardinal Middle School 16175 Almeda Dr. Middlefield, OH 44062	Hawken 5000 Clubside Rd. Lyndhurst, OH 44124
Holy Name High School 6000 Queen's Highway Parma Hts. , OH 44130	Lake Ridge Academy 37501 Center Ridge Rd. North Ridgeville, OH 44039
Mayfield Middle School 1123 SOM Center Rd. Mayfield Hts., OH 44124	Seton Catholic 6923 Stow Rd. Hudson , OH 44236
St. Jude School 594 Poplar St. Elyria, OH 44035	

Sponsor: The Greater Cleveland Council of Teachers of Mathematics is made up of educators in the Greater Cleveland area interested in mathematics education. Other annual activities include a tournament for 5th and 6th grader students, a Spring Awards banquet, and a variety of workshops and professional development meetings throughout the school year. The Council also publishes a newsletter, NUMBER NOTES, five time per year. If you are interested in joining GCCTM, please visit [www.mygcctmonline.org](http://www.mygcctmonline.org).