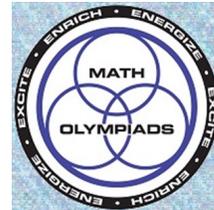


# Advanced Academics Competitions

Various competitions serve as extended learning opportunities that may include but are not limited to:



Destination Imagination is an academic competition where student teams solve open-ended challenges and present solutions at the annual tournament. Each team consists of a Team Manager (teacher) and up to seven students. Participants work collaboratively, utilize higher order thinking skills, expand creative thinking, and increase problem solving skills.

There are four different levels of competition in Destination Imagination:

1. Early Learning: Grades K-2
2. Elementary: Grades 3-5
3. Middle: Grades 6-8
4. Secondary: Grades 9-12

Destination Imagination offers six challenges for the Elementary, Middle, and Secondary teams: Technical, Scientific, Structural, Fine Arts, Improvisational, and Service Learning. The Early Learning teams, called Rising Stars, compete in a seventh challenge designed just for them. Teams work for 2-4 months developing solutions to chosen challenges. At the tournament, each team will also participate in an Instant Challenge, a challenge new to the team.

Math Problem solving contests for teams of up to 35 students in grades 4 through 8.

## Why Math???????

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

The top five students at each campus who score the highest throughout the year are invited to the District Tournament. We would love to have all elementary and middle schools participate this year!

Please visit [www.moems.org](http://www.moems.org) to see what a wonderful opportunity this is for our students.



Science Olympiad is a national non-profit organization dedicated to improving the quality of k-12 science education. Participation in tournaments, non-competitive events, and incorporating Science Olympiad in the classroom curriculum, are a few of the activities available.

### Why science?????

- To create a passion for learning science.
- To improve the quality of K-12 science education by changing the way science is perceived and the way it is taught.
- To celebrate and recognize the outstanding achievement of both students and teachers in the area of science and technology.

A sample of K-6 events:

- A is for anatomy
- Bridge Building
- Fossil Find
- Starry, Starry Night
- Using Your Computer

Please visit [www.soinc.org](http://www.soinc.org) to see what a wonderful opportunity this is for our students.



The University Interscholastic League offers the most comprehensive program of academic competition in the nation. UIL Academics offers more activities than any other UIL division, with 29 contests at the high school level. More than half a million students participate in UIL academic contests each year.



The largest program of its kind, participants in the Duke TIP 7th Grade Talent Search identify academic strengths, develop abilities and interests, and celebrate their achievements at a crucial time when they are forming their identities and looking ahead to the future. TIP assists families in determining how advanced their students' academic abilities are and what level of educational challenge is appropriate.

As part of the talent search enrollment, Duke TIP registers eligible seventh graders to take either the ACT (no Writing) or SAT (no Essay) as an above-level test. This allows students to have greater insight into their abilities and it gives them the opportunity to preview a college entrance exam.



The All-Earth Ecobot Challenge is an innovative engineering competition that engages fifth through eighth grade students in complex problem-solving, while developing critical thinking skills and elevation their confidence formulating solutions to real-world missions.