

SCIENCE OLYMPIAD

REGISTER HERE until Jan 26, 2026

Event Date: Saturday, APRIL 18, 2026 9:00-11:00 am @ Emerson Middle School

Emerson MPR	Emerson Gyms 1&2	Emerson 154	Emerson MPR	Emerson Gym 3
<p>AERODYNAMICS Using one sheet of paper and 5 centimeters of masking tape, can you make a paper airplane fly so that it will land on a target 8 meters away?</p> 	<p>EGG DROP With 10 sheets of paper, 15 inches of tape, and scissors, can you make a landing pad for an egg so that the egg doesn't crack when you drop it 4 feet, 5 feet, 6 feet, 7 feet, 8 feet or higher?</p> 	<p>MYSTERY BOX Can you blindly identify the characteristics of an object hidden inside a mystery box? Just using your sense of touch, can you tell its weight? Its length? Its texture? Can you identify the object?</p> 	<p>RUBBER BAND CATAPULT Can you build a catapult that will shoot a rubber band so that it lands on a target placed between 4 to 10 meters away? Can you create a chart and graph? Are you able to explain it?</p> 	<p>STRUCTURES Can you build a tall, free-standing structure out of 250 round, wooden toothpicks and 1 stick of modeling clay? How tall can you build it..... before it tips?</p> 
<u>AERODYNAMIC VIDEO</u>	<u>EGG DROP VIDEO</u>	<u>MYSTERY BOX VIDEO</u>	<u>RUBBER BAND CATAPULT VIDEO</u>	<u>STRUCTURES VIDEO</u>
<u>AERODYNAMIC GUIDELINES</u>	<u>EGG DROP GUIDELINES</u> <u>Frequently Asked Questions</u>	<u>MYSTERY BOX GUIDELINES</u>	<u>RUBBER BAND CATAPULT GUIDELINES</u>	<u>STRUCTURES GUIDELINES</u>
Volunteer Coordinators Greg Knapowski	Volunteer Coordinator Renee Fath	Volunteer Coordinator Katie Giannini	Volunteer Coordinator Jayme Bojicic	Volunteer Coordinators Elaine Apostol

The **Event Head Coordinator** of a sponsoring school performs four tasks. This volunteer parent coordinator:

- Creates teams for the event
- Communicates event guidelines to teams signed up for the event
- Sets up the event either the night before or the morning of the event
- Runs the event on the day of the Olympiad

Coaches need not be science experts. They simply need to learn the event alongside the students and use common sense ideas to guide them. Coaches must clear the fingerprinting process prior to starting any practices. Fingerprinting is done at the District Office (8182 Greendale Ave, Niles) from **8:30 am- 4pm M-F**. Coaches need to be available to practice with the students on their team.

Judges need not be science experts. They simply need to learn the event alongside their child and be ready on the day of the Olympiad to work under the guidance of the event coordinator. Parents are not allowed to judge their own child/children's team.