



September 6, 2019

Dear 5th, 6th, 7th, and 8th Grade Students (and Parents),

You are invited to become part of our school's Science Olympics Team! Science Olympics is similar to a regular olympics except that science events replace athletic events. Our Science Olympics team will practice to prepare to compete at a Science Olympics Competition held at Concordia University in River Forest on Saturday, November 23. Events for this year's competition include the following:

Round 1 Events

***Aluminum Boats**

In this event, teams will be challenged to build a boat of aluminum which will carry the greatest load of cargo without sinking.

***Mystery Powders**

Teams of two will use various materials to determine the identity of white powders in mixtures.

***Beaks 4 Geeks**

Teams of three or four students will work collaboratively to gather as much "food" as possible from an established "box ecosystem", in a set period of time. Students will use different "beaks" to obtain optimal results.

***Aero Twist**

Teams of two will design a flying device that will travel the greatest distance using materials such as a Styrofoam plate and paper clips.

Round 2 Events

***Egg Drop**

Raw eggs will be dropped from increasing heights into an egg catching device made of 8 sheets of regular paper, 30 cm of scotch tape, and 5 tissues.

***Catapults**

Teams of two will work together to build a catapult and attempt to land a ping-pong ball on a designated target.

***Reading Between the Lines**

Teams of two students will answer questions based on topographic maps.

***Scavenger Hunt**

This event is a combination of orienteering (using a compass) and a scavenger hunt. Students will work in teams of two.

Each Science Olympics participant may compete in one Round 1 and one Round 2 event on the day of the Olympics.

Our Science Olympics practices will be held after school in the science lab from 2:15 – 3:30 p.m. on the following days:

Monday, September 30 – Come and try an event!

Thursday, October 3

Monday, October 7

Thursday, October 17

Thursday, October 24

Monday, October 28

Monday, November 4

Thursday, November 7

Monday, November 11

Thursday, November 14

Monday, November 18

Thursday, November 21

Saturday, November 23 – Science Olympics at Concordia University in River Forest!

If you are interested in being a part of our Science Olympic team, please return the bottom of this form by Friday, September 13. The cost for being a member of the Science Olympics team is \$5. Also, any parents who would be available to help with our practices would be welcome and their help appreciated.

If you have any questions, please contact Mrs. Kiviranta or myself.

In Christ,

Sheryl Duff

Name: _____

I am interested in being a part of the Science Olympics Team. My first and second choices for a 1st and 2nd round event are:

Round 1

_____ *Aluminum boat*

_____ *Mystery Powders*

_____ *Beaks for Geeks*

_____ *Aero Twist*

Round 2

_____ *Egg Drop*

_____ *Catapults*

_____ *Reading Between the Lines*

_____ *Scavenger Hunt (Orienteering)*

(Parent's signature)

For Parents

_____ I am interested in finding out how I can help with coaching one of the Science Olympics Events

(Parent's signature)