



Welcome to 2019 King & "Friends" Science Olympiad!

What is Science Olympiad?

Science Olympiad is a program in which students explore science through active, hands-on participation and competition, with an emphasis on problem-solving and team-building. Students with varying skills and abilities participate in events designed to be fun and challenging. The team spirit and good citizenship they develop will benefit them throughout their lives.

Who can participate?

Students in Grades 2-6 may participate in Science Olympiad, selecting up to three (3) events each. They are encouraged to sign up for more than one event.

When and where is Science Olympiad held?

Science Olympiad is held weekly (***Sundays only***), **January 20 – March 3, 2:00-4:30 PM** at the **Goodyear Polymer Center** at the **University of Akron**. Classes run in 45-minute increments and two classes run at the same time. **Sunday, March 3 includes final competition and the potluck awards celebration.**

How do students sign up?

Select **one (1)** of the following ways to register. The registration deadline is ***Thursday, January 17:***

1. Online at https://akron.qualtrics.com/jfe/form/SV_721KAk9GeQ01H0x **OR**
2. Complete and return the included registration form to the King CLC Office, **ATTN: Science Olympiad, OR**
3. Complete the registration form, scan it, and email it to Janet Black at minj55@live.com. Questions? Contact Janet at (330) 631-4846.

How can parents/guardians help?

Parents/guardians may volunteer as assistant coaches, extra hands and awards celebration helpers. Your help and cooperation is always needed and appreciated to make things run smoothly.

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2019 Science Olympiad Event Descriptions

Science Sampler (grades 2-3): Coach Coleen Pugh. Students will investigate a variety of projects, such as a chemistry experiment, barge building, “estimania”, and “sink or float”.



Playing with Physics (grades 2-3): Coach Laura Killian. Students will explore their ‘everyday’ world through fun basic physics experiments.

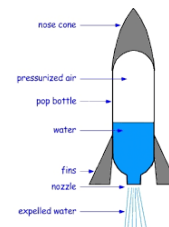
Rube Goldberg Machines (grades 2-3): Coaches Melody Searle & Madison Pugh. In this class, students will learn about different simple machines and the engineering design process, all while building a Rube Goldberg machine of their own.





Hair-Raising Science (grades 4-6): Coach Sara Brebant. Are you ready for a hair-raising experience? Let’s explore the impact of chemicals, color, and temperature on hair. We’ll use a variety of natural hair textures to see how these processes work.

Water Rockets (grades 4-6): Coaches Rodger Dilla & Kevin Endres. Students will build a rocket, in advance, out of a 2-liter soda bottle, making alterations each week and adding a parachute to help it stay aloft. The rocket that stays in the air the longest will be the winner.



Smart Films/Electronic Materials (grades 4-6): Coach Yu Zhu. Students will assemble the electronic active thin films for various interesting applications.

2019 Science Olympiad Registration Form

Complete & return the included registration form to the King CLC Office by **Thursday, January 17**. Questions? Contact Janet Black at (330) 631-4846 or minj55@live.com.

PLEASE PRINT CLEARLY - ONE FORM PER CHILD

Student Information:

Name _____

Grade _____ Teacher Name _____

School (*if other than King CLC*) _____

Student Behavior Agreement:

I agree to follow the directions of my coach(es), pay attention during practice and competition, and be kind and polite to everyone in the group.

Student Signature _____

Parent/Guardian Information:

PLEASE NOTE: *Provide an email address that you check regularly.
Parent/guardian signature required for student participation.*

Parent/Guardian Name 1 _____

Email _____ Phone _____

Parent/Guardian Name 2 _____

Email _____ Phone _____

Parent/Guardian Signature _____

Photos are taken at Science Olympiad. Your release is assumed unless you check here:

- DO NOT photograph my child. _____

Parent/Guardian Volunteer Commitment (*not required, but greatly appreciated*):

I am interested in coaching ***next year*** (*list event*)! _____

I will serve as a Science Olympiad volunteer now (*check all that apply*)!

- _____ Assistant Coach (*list event*) _____
- _____ Extra Hand: staff sign-in table, provide directions on-site, runner, etc.
- _____ Awards Celebration Helper: secure food & supplies, set up, tear down, etc.

Name _____

Email _____ Phone _____

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2019 Science Olympiad – Student Event Choices

Please select up to three (3) events. Rank them using #1 for your first choice, #2 for your second choice, and so on. This ranking will be used in case two event practices have time conflicts and/or an event is eliminated. Notice that your rankings should all line up in one column based on your grade in school.

Total number of events I'd like to participate in: _____

Event	2nd Grade	3rd Grade	4th Grade	5th Grade	6th Grade	Coach(es)
Science Sampler						Coleen Pugh
Playing with Physics						Laura Killian
Rube Goldberg Machines						Melody Searle & Madison Pugh
Hair-Raising Science						Sara Brebant
Water Rockets						Kevin Endres & Rodger Dilla
Electronic Materials						Yu Zhu

* **White blocks:** Open to this age group

* **Shaded blocks:** Not open to this age group