Welcome to 2017 Science Olympiad!

What is Science Olympiad?
Science Olympiad is a national program in which students explore science through active, hands-on participation and competition, with an emphasis on problem-solving and team-building skills. Students participate in events designed to be fun, exciting, and challenging. Some events require knowledge of science facts and concepts, while others rely on knowledge of scientific processes, skills or applications. Students with varying abilities and skills can participate. The team spirit and good citizenship that students develop will benefit them throughout their lives.

Who can participate?
Students in Grades 2-6 may participate in Science Olympiad and may choose up to four (4) events. They are encouraged to sign up for more than one event.

When and where are practice sessions and competition held?
Sessions are held Sundays Only, January 22 – March 5, 2:00-5:00 PM at the Goodyear Polymer Center on the campus of the University of Akron. Events run in 45-minute intervals and two events run at the same time. Sunday, March 5 includes final competition and the potluck awards celebration.

How do students sign up?
Complete & return the included registration form/event choices to the King CLC Office, ATTN: Janet Black, by Wednesday, January 18. Questions? Text or call Janet Black at (330) 631-4846 or email her at minj55@live.com.

Who are the coaches?
Coaches and assistant coaches are volunteers – parents, UA faculty/grad students, high school students and community members.

How can parents/guardians help?
Parents and guardians can help by volunteering as assistant coaches and helping hands for one or more sessions. Help is also needed with planning the potluck awards celebration. Please Note: Assistant coaches are needed where “TBA” is stated in the event descriptions.
2017 Science Olympiad Event Descriptions

**Brewing Root Beer (grades 2-3):** Coach Robert Hernandez (assistant coach TBA). What might the ingredients be? And how do they work together? Explore the science behind this tasty treat as you brew up a cauldron of delicious delight.

**Building Basics to Building Tech (grades 2-3):** Coaches Madison Pugh & Sammy Bertram. Students will explore the fundamentals of building by creating a catapult and motorized toy car and boat.

**Physics of Machines (grades 2-3):** Coach Hank Schueler (assistant coach TBA). Levers and wheels and axles, oh my! Join us as we explore the world of simple machines. What do they do? How do they help us? May the “force” lead us to the answers to these important questions.

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

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**Brewing Root Beer (grades 4-6):** Coach Robert Hernandez (assistant coach TBA). What might the ingredients be? And how do they work together? Explore the science behind this tasty treat as you brew up a cauldron of delicious delight.

**CSI Science (grades 4-6):** Coach Laura Killian (assistant coach TBA). Come learn how to be a detective and solve mysteries! We will use basic science techniques to find clues to solve cases. Be prepared to learn about crime scenes, fingerprints, preserving physical evidence, and testing items from crime scenes. Your first test is to figure out how to register for this class! Starting now!

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

**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.
2017 Science Olympiad Registration Form

Complete & return the included registration form to the King CLC Office by Wednesday, January 18. Questions? Text or call Janet Black at (330) 631-4846 or email her at 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.

Name 1 ____________________________________________
Email ___________________________ Phone ___________________________
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:
Yes, I will serve as a Science Olympiad volunteer (check all that apply)!
• _____ Assistant Coach (list event) ________________________________
• _____ Helping Hand – staff sign in table, provide directions on site, etc.
• _____ Potluck Planner – secure food & supplies, set up, tear down, etc.

Name ____________________________________________
Email ___________________________ Phone ___________________________

(OVER)
2017 Science Olympiad – Student Event Choices

Please select up to four (4) 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: ______

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