

SCIENCE OLYMPIAD (SO) INFORMATION

ICS Science Club welcomes you to the new school year! We are here to promote an interest in science and help our students learn key science topics.

Please read the following information carefully and contact us if you have any questions.

The Science Olympiad is back on! Any ICS student can participate in the competition, there are no prerequisites. Science Olympiad is a middle school and high school team competition in which students compete in events pertaining to various scientific disciplines including Life, Personal & Social Science, Earth & Space Science, Physical Science & Chemistry, Inquiry & Nature of Science and lastly Technology & Engineering. Each of these categories have four to five events within them. Competitions are like academic track meets, consisting of a series of 23 team events; a maximum of 15 team members who must cover all 23 science events. The Science Olympiad organization allows a maximum of six teams per school, each team consisting of 15 students.

Typically, teams take part in 3 - 4 invitationals following which they will take part in the Regional tournament. Teams that qualify move on to State and National tournaments. Schedules for 2022-2023 competitions are yet to be published. For further information/question, please contact: bmohapatra@icspts.org

Team Composition

Team Members

A Science Olympiad team consists of up to 15 students collectively studying for all the events. A team may have alternates, but only a maximum of 15 students may compete in the scoring events on tournament day. Alternates may compete in any trial events offered at tournaments.

At ICS, each team will have a maximum of 15 members. The goal of each team should be to rank as high as possible across all events to increase their chances of advancing to State. Each team must have at least 2 team coaches and several event coaches to help students prepare for the invitational & Regional competitions.

Team Coaches

Each ICS team is required to have a head coach and 2-3 Co- Head coaches who will represent the team and coordinate with the Science Olympiad committees on behalf of the team. Each team head coach will have ownership of how to organize study and preparation leading up to the SO events. Each team must have at least 2 coaches. Team coaches will identify event coaches from among the parents of their team participants. Head coach will be required to give regular team updates to the ICS VP Of Activities.

Event Coaches

Parents of the students of a team are expected to take on the role of Event coach for one or more topics. An event coach will be assigned for each event. It is the responsibility of the event coaches to ensure students are on track with preparations for their respective events.

Time Commitment Expectations

Time commitment expectations vary from team to team.

3 events could mean about a minimum of 8 to 10 hours per week, balanced between weekly event meetings, individual practice, team meetings, etc. High-performing teams average about 20 hours per week.

Several students that participate in SO also participate in Robotics and other extra-curricular activities. We do not discourage students from participating in other activities, but we do require students to prioritize Science Olympiad in case there is a conflict with other events.

Team Formation

- Students self-organize to form their own team
- Each student, be it a 6th, 7th or 8th grade (For category B) and 9th, 10th, 11th & 12th (For category C) can participate and contribute equally provided they put in sufficient effort.
- Previous participants in SO will have an advantage due to prior knowledge of one or more subjects, but a new student with dedication and effort can perform equally well

Team Formation Steps

- Registration for SO will be open from **9/6/2022 to 9/30/2022**. These dates are final, and no exceptions will be allowed. Any student that has not registered by this date will not be able to participate in SO. In order to register, please email the following with 5 events (from your category) that you are interested in by 6 pm, Sep. 30, 2022. The Head Coaches will have the final say in allocating the respective events.

bmohapatra@icsptsa.org; haiqianyu@gmail.com; manjushak@hotmail.com

Registered student information will be shared through emails by the Head Coach.

- Once the teams are finalized one of the parents will be picked as the Team Coach by the team.

Resources

- National Science Olympiad web page: <https://www.soinc.org/>
- National Science Olympiad Season Planner:

[Science Olympiad Season Planner 2022 2023.pdf \(soinc.org\)](#)

- National Science Olympiad Event Slate: [2023.Events_Chart.pdf \(soinc.org\)](#)
- Science Olympiad rules manual: [2023 Rules | Science Olympiad \(soinc.org\)](#)
- Science Olympiad state chapter: <https://washingtonscienceolympiad.com/>