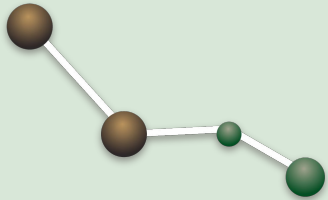# CCA Science Olympiad Kickoff

Austin, Bruce, Vivian, Emily, and Flora!

What is Science Olympiad?

- Teams of 15 students work together to compete in 23 events
  - Events cover all aspects of science
  - 2 to 3 students per event
  - Each student does 2-4 events
- CCA will send 6 teams to Regionals, one to State

History

2023: 1st regionals, 3rd state

2022: 1st regionals, 2nd state

2021: 1st regionals, 9th state

2020: Competition Canceled

2019: 1st regionals, 2nd state

2018: 1st regionals, 3rd state

2017: 2nd regionals, 2nd state

2016: 1st regionals, 2nd state

2015: 1st regionals, 2nd state

2014: 3rd regionals, 2nd state

GOAL: 1ST REGIONALS, 1ST STATE

What does the committee do?

- Two main jobs:
  - Day to day operation
    - forms, paperwork, communication with tournament directors
    - finding partners if people drop
    - resolving student issues
  - Team selection
    - Will be dealt with in more detail later in ppt

Events

- 23 different events in biology, chemistry, physics, earth science and engineering
- Events usually meet once a week for 1 - 2 hours
  - All events will meet in-person unless the coach decides otherwise, or if in-person meetings are not possible.

Events

LIFE, PERSONAL & SOCIAL SCIENCE

Anatomy and Physiology
Disease Detectives
Ecology
Forestry
Microbe Mission

EARTH AND SPACE SCIENCE

Astronomy
Dynamic Planet
Fossils
Geologic Mapping

PHYSICAL SCIENCE & CHEMISTRY

Air Trajectory
Chem Lab
Detector Building
Forensics
Optics
Wind Power

TECHNOLOGY & ENGINEERING

Flight
Robot Tour
Scrambler
Tower

INQUIRY & NATURE OF SCIENCE

Codebusters
Experimental Design
Fermi Questions
Write It Do It

Selecting Events

- When selecting events online, rank them from 1st-23rd in order of preference
  - On the registration form, mark all events in which you absolutely do not want to receive
  - Note that the more events you select that you don't want to compete in, the harder it will be to fit you on a competitive team.
  - Selecting a large amount of events you refuse to do may result in not being selected for a team
  - **Because of this option, please only drop events if there is an unexpected change in your schedule**

Regionals and State 2024

- **Regionals** is planned to be in-person on March 16th, 2024 at University of San Diego.
- You must be available on the day of regionals to be a part of the competitive teams
- **State** is typically early April at Caltech

Coaches

- At least 1 coach per event
  - Either teach topic or assist with building
  - Student, Parent, or other coaches welcome
  - Coaches will be given priority on 90-person regionals team
- Coaches will be selected based on experience and expertise
- Coaching sign-up form under "Coach Registration" tab on the website

What do coaches do?

- Host weekly meetings for the event (in-person or on zoom)
- Teach group of about 12 students about topic
- For building events, provide tools and expertise
- NOTE: Format of meetings will be up to coaches

Coaches Needed

We critically need coaches for:

Codebusters

Geologic Mapping

Flight

Scrambler

Tower

Wind Power

Note: We encourage you to still sign up for other events.

How much time do I have to commit?

- Weekly meetings for events
- Regionals/other competition days
- Rest is up to you - you will get out of this program what you put into it

Student expectations

Students are expected to:

- Attend meetings
- Cooperate with your partners
- Communicate with your coaches
- Give all your events your best efforts
- Have fun!

Attendance

◆ We know that CCA students are busy and that some conflicts and absences are inevitable.

◆ It is imperative that if you are going to miss practice, **let both your coach and partner know in advance**.

○ Failing to do so results in an unexcused absence

Regional Team selection

- We may have over 90 students interested in Science Olympiad. If this is the case, the competitive regional teams will be selected on these criteria:
  - On-time submission of a complete online student application
  - Level of commitment to CCA SO: number of events requested, past attendance (for returning CCA students only), time availability
  - Students who request 3 events but have inadequate availability to support 3 assignments will be treated as if they requested 2 events
  - Past Science Olympiad experience

Non-competitive Team

- Students not on the 90-person regional team can still attend event practices
- If you don't get on the regional team, we'll email you if you want to compete non-competitively (if you do, you'll be considered "experienced" for next year's team selection)
- If someone drops the competitive team, you can join and your results can help next year

State/A-Team selection

- Team selection for both the A-Team at regionals and the State team will be based on past results
- Top 8 guaranteed a spot, plus 7 to fill in remaining gaps
- Division C experience is required to be on A-team
- No freshmen on A-team for regionals, but can be on state team

State/A-Team selection (cont.)

- Top 8 calculated on weighted average of placement among CCA teams and overall
  - Keeps students from being punished for taking events where CCA is historically weak
  - Makes for more balanced team over all events
- For regional selection, we will use last year's results
  - Top 3 placements are considered if you have 4 events

Invitationals

- We are also planning to signup for some invitationals later on in the year, such as BirdSO (LA) and GGSO (Berkeley). The current date and format of these competitions are not finalized
  - Team selection will likely be very selective and may not be the same as regionals teams
  - BirdSO will most likely be in mid-January
  - Golden Gate is likely to be held in mid-February

T-Shirts and Team Names

- 6 teams, 6 team names
- Start thinking about a good theme for team names this year
  - Past themes: Minions, Face Off, Bears, Music Artists but Wrong, Butter, Trojan War Heros, beans, bread, milk
- 1 awesome shirt

Concerns?

- What to do:
  - The **student** should email the CCA SO committee and arrange a time to meet if necessary
- Committee has the final decision on all problems

Concerns?

- What NOT to do:
  - talk to CCA science department teachers, the foundation, the principal, staff, etc.
  - parent phone calls
  - distribute emails or messages to everyone you know in Science Olympiad

Questions?

- Similar to handling problems:

  - The student should email the CCA SO committee

  - The SO committee will work with the student to answer the question.

- Email: ccascioly24@gmail.com

Finances - Relationship with CCAF

- Our relationship with the CCA Foundation
  - Tax deductible donations for our parent donors
  - Corporate matching gifts and volunteer stipends
  - Professional financial oversight by CCAF staff
  - Insurance certificates for regional and state competitions

Finances- Team Expenses

- Parent donations cover team expenses
  - registration fees for invitational, regional, and state competitions
  - test booklets, event CDs, and study materials
  - some tools and equipment for building events
    - reimbursement for building materials is dependent on CCA SO finances
  - team T-shirts for students and coaches

Finances - Donations

- CCASO depends critically on your financial contributions.
- We highly suggest a donation of $175 per participant
  - however donations can come in any size
- No student will be denied a spot on the team for financial reasons
- Financial support is completely anonymous and will have no effect on team or event placement

Finances - Preferred Method

- **Website** for online donations!
  - Visit the CCA Foundation Website and click "Make a Donation"
  - Scroll down to the STEM donation box and use the click down to select Science Olympiad
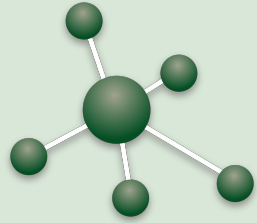 - Link to Donate

Registration - DUE 9/13 @ 11:59 pm

Fill out the registration form that can be found online under the "Student Registration" tab on ccascioly.weebly.com
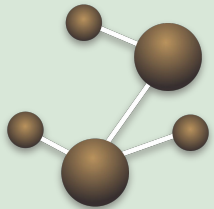
How to stay in the loop

- Join our Discord (mandatory)
- Check out our website at ccascioly.weebly.com
- Go to our instagram: @ccascioly
- Look at the daily bulletin
- **Check your email!**

STAY CONNECTED

LINKTREE

Questions?

Thank you!