

Bay Area Regional Science Olympiad
Saturday, March 11, 2017
California State University East Bay, Hayward
Campus

Santa Clara County Regional
Science Olympiad
Saturday, March 18, 2017
San Jose City College

NorCal Science Olympiad
State Finals
Saturday, April 1, 2017
California State University, Stanislaus

Rules and Criteria

- Read the rules carefully and make sure you understand them AND follow them.
- Make sure you understand the scoring criteria.
- Check the Event Schedule for time slots & locations.
- Check for rule clarifications on the National website at www.soinc.org
- Check the National website for Event Supervisor information at www.soinc.org click “Who Are You” tab
- Students will know the rules well. However, rules are subject to interpretation.
- Be FAIR TO ALL TEAMS!
 - Respect Host Site – Return the room to the way you found it.
 - Students are NOT allowed in a classroom without an adult present
 - No Coaching by Anyone on Tournament Date at event sites!

Designing Lab/Research Events

- Tests **must be newly developed** and not used in the last three years
- Be sure to align items, questions, or activities to the rules.
- **Answer sheet** should include a space for **team name and team number, and each team members name.**
- **Develop several levels of questions** . Create 1/3 of questions easy, 1/3 medium, and 1/3 at the difficult level. Include one or two questions (tie breakers?) that are very difficult.
- Be sure no one can get 100% or it will be difficult to determine first place.
- Check rules for breaking ties or choose items or questions in advance to be used to break ties.
- **Setting up stations:** 10 teams in one hour time slot with 5 minutes transition time and 5 minutes test explanation.

Essay Test Questions

- Write an **answer key** to the essay that you consider an ideal score
- Identify factors that make it ideal.
- Determine the number of points for ideal.
- Determine what constitutes awarding fewer points.
- If assistants are helping with scoring **be sure they score the SAME questions/pages** and they use your criteria. BE FAIR!

Calculations

When scoring for calculations, determine a range that will receive highest number of points.

Example: Measuring mass and acceleration to find force, student collects data and finds the force to equal 56.7 N

A scoring rubric might give: 5 points for 58 and 55
3 points for 61 and 52
0 points beyond 61 and 52

- Be clear and concise about what you want students to do.
- Stay away from tricky questions.
- Try to do as much hands on as possible.
- Copies can be made at a discount at Staples

Impound Events

- Check the Event Schedule or rules for Events with an impound
- The Event Supervisor is responsible for being at the event site for impound at times indicated on schedule
- If a device **does not meet specifications** or is in violation the team can make adjustments allowing enough time to impound on time

- A team can be told their violation, but **do NOT tell them how to fix the violation.**
- If a team misses the impound deadline, they can test their device but will be ranked behind all other teams. No exceptions on this rule.
- After impound **no modifications** are allowed.
- Team name and team number must be clearly marked on the device
- Unless otherwise noted in the rules, **do not release times, distances, or how a team has placed**

Event Supervisor Procedures

- Event Supervisors (ES) and Assistants Register at Room indicated on schedule
- Breakfast snack & coffee for all volunteers can be picked up in room indicated on schedule
- If possible, attend Coach/Event Supe/Assistant meeting (see event schedule)
- **ES is responsible for obtaining and setting up all event equipment and supplies on event day**
- Allow time for event setup and impound setup **prior to event start time**
- **Begin and end events on time!! (see event schedule)**
- Closed events mean **no one allowed in testing room** except competitors, ES, and Assistants for the event. No exceptions!
- A team **arriving late** to a test time is allowed to test in the time remaining only
- Once testing begins participants **cannot leave the room** unless they are finished testing or time is up

- As teams enter the test room, using the **check-in sheet** included in registration packet, check their wrist band for team number and enter a check on the check-in sheet
- Each team presents an **Event Ticket** as they enter – be sure it is legible and includes team name and participants names as it will be used at Awards
- One test per team, one team per event
- All students must **turn off their cell phones** while in the test room
- While providing test directions ask an assistant to **check the check-in sheet** to be sure the team numbers match the time slot on the event schedule
- Teams can **only test in their time slot as indicated on the schedule** or risk being disqualified from the event


2017 BARSO DIV B EVENT NAME: _____ EVENT SUPE _____

Check Wrist Band for Team #. Collect Event Ticket for Each Team. Collect all tests. Check Time Slot (See Schedule on Back)

School	Team #	Wrist Band	Event Tix	Test Collected
Time Slot				
Albany Black	1			
Canyone Gold	2			
Canyon Red	3			
Horner Gold	4			
St Matthews	5			
Weibel	6			
Albany Gold	7			
Carmel	8			
Thornton Yellow	9			
Thornton Black	10			
Horner Blue	11			
Ardenwood Blue	12			
Ardenwood Maroon	13			
Time Slot				
Creekside Blue	15			
Creekside Gold	16			
Hopkins Green	17			
Mission SJE Blue	18			
Mission SJE Gold	19			
Fallon	20			
Challenger	22			
Hopkins Gold	23			
Hopkins Blue	24			



Event Ticket



Bay Area Science League
1256 W. Lathrop Rd, Manteca, CA 95336
Barbara Little, Director

Official Use Only
Team Place Only

**SCIENCE OLYMPIAD - DIVISION B (JUNIOR HIGH)
TEAM IDENTIFICATION FORM**

Present this completed form to the Event Supervisor at competition time.

EVENT: ANATOMY **Starting Time of Event:** **ROOM:**

SCHOOL/TEAM NAME: **TEAM #:**

TEAM MEMBERS NAMES: **GRADE:**

1.	<input type="text"/>	<input type="text"/>
2.	<input type="text"/>	<input type="text"/>
3.	<input type="text"/>	<input type="text"/>

- For ESUS events, a team **late to test** will be re-scheduled at the discretion of the ES, time permitting, or risks not participating in the event
- Two per time slot – whoever is **ready to test** will be first
- “Spectator Events” Be sure spectators are not in the way of testing
- **Anyone interfering with a test or anyone coaching can cause their team to be given extra points for that event**
- If a team is placed in a tier other than the first tier they **MUST be told and given the reason**
- Note the reason on the test or score sheet

A box lunch is available for REGISTERED volunteers!

- The room in which your event is scheduled **MUST be returned to the way you found it**
- Return any furniture that has been moved
- Be sure participants **clean their area** and return all items before leaving the room
- Be sure you have **collected all tests** from participants before they leave the room
- Remove any trash from the room

Disqualifications and Mistakes

- If a participant **leaves the room with a test**, then the team is disqualified from the event
- Any team **writing rude or inappropriate comments** on a test will be disqualified from the event
- If a student is **rude, disrespectful, or cheats** they will be disqualified from the event
- If a student/team is disqualified from an event please **note the reason on their test**

- Spectators are allowed at the “spectator” events only (see event schedule)
- Spectators must **keep their distance** and not interfere in any way with an event or coach teams
- Closed events are closed to all except participants, ES, and Assistants
- Interference with an event by parents, teachers, or spectators **will not be tolerated** and may cause the team points added to their overall score

- If the **ES follows the rules and is fair to all teams**, then there should not be an appeal
- If a mistake is made and you catch it **AFTER the first team competes**, continue the mistake throughout the day – Be Fair in spite of an error!
- If a participant indicates a problem, please listen to him/her and **try to mitigate the issue**
- If the participant is not in agreement with your decision, they can **ask their coach to file an appeal** with the arbitration committee
- They are **NOT** to engage you in a long debate.
- An appeal will be reviewed with the ES as well as with the participant and coach
- **The arbitration team makes the final decision**
- **Parent or spectator interference is not allowed and will not be tolerated. One verbal warning will be given and then points added to the teams overall score.**

Appeals/Arbitration

- Only a **coach or an assistant coach** may file an appeal
- Appeal forms are available at the scoring room And must be turned in at the same location
- Once a decision has been made by the arbitration committee **all discussion will end. If ANYONE continues to argue with the decision the team will receive points added to their overall score**
- If the arbitration committee determines an event has been run unfairly, then the event will **not be counted for overall team points**. Individual awards will be given for the event

- Appeals/arbitrations are between ES, participant, and coach only

Schedules by Division



What's wrong with this picture?

Scoring

- All places will be scored
- Each team competing in an event will get the **same number as their place**
- **All ties must be broken**
- Teams that do not compete in an event will receive n+1 point
- Teams disqualified for conduct receive n+2 points
- Lowest combined score of all events will determine the winning team
- 1st place = 1 point, 2nd place = 2 points, etc
- Last place = 19 for Div B and 22 for Div C
- DNP = 20/23 DQ = 21/24

- The Awards Ceremony **begins at 4:15 PM**
- Score tests at the Hospitality Room if possible
- Be sure you have **assistants to help with scoring**
- Have a clear scoring rubric or procedure that is easy to understand
- **Scores/Scorers must be consistent and fair to all teams**
- A long test will require a long time to score...plan accordingly or the Awards Ceremony will be held up
- Plan to score the first time slot tests during the second time slot if possible

- If an event has a **score sheet** it can be downloaded to your laptop (see www.soinc.org)
- At the scoring room the score sheet will be saved to a flash drive and printed
- A hard copy of the score sheet will be included inside the ES registration packet
- If an event has a **team checklist** available, one per participating team will be included inside the ES registration packet (build-it events only)
- If an event does not have a score sheet (most do not) then the test is used to input scores
- The ES must **sort the student test in rank order** from first place to last.
- The **Event Tickets** must be sorted by place, one through three, and will be used at the Awards Ceremony
- The ES **reads the raw score from each test or from the score sheet to a scoring official** who will input the scores into the scoring program
- The scoring official will then read the scores back to the ES in rank order as a double-check

Common (unfortunate) Mistakes

- Rules - don't have them, know them, understand them, or follow them
- Unprepared - arrive on competition day with no test or enough copies, no needed equipment or supplies, no one to assist
- Tests - losing tests or leaving in room, errors scoring tests or totaling scores, inconsistent scores (more than one person scoring the same question)
- Mistakes - discovering an error and correcting it AFTER testing has begun is the most common reason an event is declared "unfair" and is thrown out!
- Late start - begin late and extend time slot (don't do it), cut time short in one time slot but not the next (don't do it)
- Inconsistent/Unfair - allow a team a practice or an additional run/test time, providing inconsistent or confusing instructions, responding to a question during a test and not including all students in the response, items missing for teams
- Allowing adults to impound and/or coach their team at the event site. The tournament day is for the PARTICIPANTS!

Awards

- The participant(s) with the five lowest scores in each event, in each Division receives a medal (46 events x 5 places)
- Individual scores in each event are totaled to find the overall score for each team
- The teams with the three lowest overall score in each Division receives an award
- The teams with the FOUR lowest overall score in each Division receives an invitation to participate in the NorCal Science Olympiad State Finals
- Only ONE TEAM PER SCHOOL may advance to the State Finals

Thank you for volunteering. There would not be a Science Olympiad program without you!!!!

Questions? Please contact Barbara Little, Regional Director by e-mail at bayareaso@outlook.com or santaclaraso@outlook.com
Websites: www.bayareascioly.com www.santaclarascioly.com