

Seton Science Fair Rules 2018

Monday, January 29, 2018

Dear Science Fair Parents and Students,

Please read these guidelines so that you know what is expected of our science fair students. All students will need a bag lunch as they are expected to stay at their project throughout the day. Every effort is being made to finish all judging by 3:00pm. **(Note: All junior high school students will be allowed to attend their 7th and 8th Period Classes** and will therefore be dismissed at 2:39 PM along with the rest of the non participating students. All high school science fair participants will not be dismissed until 3:00 PM)

Materials to Prepare:

1. A Research Paper
2. An updated abstract, (copies turned in to teachers in Dec, 2017 were sent to judges).
3. An Experimental Design Diagram (updated version)
4. Logbook (Project Data Book) used to record data during experiment trials
5. Tri-fold poster board
6. Display items approved by Seton Science Fair Committee (Registration in Dec, 2017)

All Registration Forms previously turned in are kept by science teacher

1. All forms are due as directed by your science teacher. (*Research Plan, Seton Entry Form, Display Registration Form, Forms 1, 1A, 1B, and others as required*)
2. All signed Human Subjects Consent Forms were to be submitted in December, 2017.

Trifold Poster Board and Display

1. Due Sun, Jan 28: in Seton School's gym (John Paul II Center) between 2:00pm – 5:00pm.
2. Tri-fold poster board (either corrugated cardboard or foam board)
3. **Must** show: Problem (Question), Hypothesis, Materials, Procedure (Method), Data Analysis, Discussion (a **brief** summary of the most important points), and Conclusions. (see separate instructions for Engineering Design Projects)
4. **Summarize** everything for the poster. Include only the most important materials, steps of procedure, and data (in graph form if at all possible, along with data tables as needed)
5. **Use pictures:** A picture may do more than 100 words of explanation
6. **Use Titles for each section of the board:** Print "Problem", Hypothesis", etc. or use pre-printed labels to delineate the sections on your board. **Do not make these labels by hand.** Your own artwork is welcome everywhere else on the board.
7. **Bring samples of your experimental set up: If appropriate** (check the Intel ISEF rules for items NOT allowed at the science fair-link to this is on Seton's website)

Project Check-In– (MANDATORY)

Sunday, Jan 28, 2:00– 5:00 PM in Seton School's gym (John Paul II Center):

If unable to bring project on Sunday, students must turn in project to science teacher by Thursday, Jan 25, 2018. There is no ability to check in projects on Monday.

Bring on Sunday:

1. Trifold Poster Board
2. A copy of your **research paper**

3. A copy of your **abstract: Note:** If you have changed your abstract since the original version was submitted, you must bring in **6** copies.
4. **An Experimental Design Diagram**(or Engineering Design Diagram if using Engineering Design instead of Scientific Method)
5. **Logbook (Project Data book)**
6. **Display:** Any tangible display may be set up at this time. However, it is encouraged to delay set up of delicate or valuable materials until Monday morning. Every effort will be made to secure projects, but some movement of tables may occur during set up, and delicate displays may be injured. Suggestions: Bring display parts in a storage tub to keep under the table. For valuable instruments, simply bring them Monday morning and keep it with you throughout the fair. All display items must comply with Seton's restrictions (see Display Registration Form)

Expectations for the Science Fair

1. **All students are to attend 8:30 AM Mass at All Saints Church on Monday.**
2. **After Mass,** report to **gym (JP II Center)** for attendance and announcements, pick up your nametag, and go to your project. **Students will remain at their projects all day.**
3. **Uniform Dress Code-**
4. Bring a bag lunch-**You will not be allowed to leave to buy lunch.**
5. **Bring something to read. (Biology students: bring your Bio textbook and a pen/pencil.)**
6. **DO NOT** Bring any electronic devices such as computers, computer games, ipods, ipads, mp3 players, etc. **Seton's cell phones policy remains in effect for the duration of the school day.** If parents need to reach their students, please call the school office.
7. **Only science fair judges and teachers will be allowed free access to JP II.** All others will require prior arrangement to see the projects during the hours of the fair.
8. **Students must stay by your project** – You will be able to view the other students' projects before judging begins (10:00 AM) and during the lunch break (12:00 PM).
9. **Projects will remain in the John Paul II Center** for Monday's PRO Meeting. After the meeting, **they must be removed by parents or designated adult.** Any projects not collected will be disposed of. (Remember, award winning projects might be invited to the PWC-Manassas Regional Science Fair in March)
10. For anyone wishing to see the projects on Monday night, we would recommend that you **come a bit early to the PRO meeting.**
11. **Volunteers are needed to help move tables back to their rooms' after the PRO Meeting.** We need to prepare the JP II Center and classrooms for school on Tuesday.

In Case of Snow

1. The Science Fair (as much as possible) will need to be held on the scheduled date due to the large number of volunteers who have arranged to take time off from their jobs.
2. **Therefore, every effort will be made to hold the Science Fair on Monday Jan 29, 2018 regardless of the weather. All students, teachers, and judges who are able to safely travel to Seton School should.**
3. **JupiterEd will be utilized in the event that PWC schools are cancelled due to weather. We will not have a delay regardless of what the county does. The first judging session will begin promptly at 10:00am and all students should be at their project by 9:45am.**

We thank you for your cooperation and help.
Seton Science Fair 2018

Trifold Poster Board Headings for Engineering Design Projects:

NOTE: Projects that are assigned to an Engineering Category are Not necessarily an Engineering **Design** Project. Most Projects use the Scientific Method.

Your science teacher has consulted with your son/daughter to determine if his/her project is an Engineering Design Project. If that is the case, the following headings are appropriate for their trifold poster board for Seton's Science Fair. :

- Statement of Need
- Design Criteria for Prototype
- Materials
- Procedure
- Prototype Testing
- Results/ Data
- Modifications to Prototype
- Discussion
- Conclusions