

Science Fair Week 7 update

Science Fair Research plans have been collected. Some of them are still being approved by the county. We will be receiving them back in the mail within two weeks. Until then please ask your science teacher if your project has been approved or not. If your project has, then congratulations, you may begin your science fair project!! If not that is alright, we will have to fix your research plan, fix your forms, and resubmit for approval. Please make sure that these forms get fixed before November 2nd.

When you are starting your science fair project please make sure you are keeping detailed entries in your science fair research journal. This journal is a composition notebook. **There can be no ripped pages, no white out, and only be written in pen.** The research journal is a diary. It starts with a detailed table of contents. It will have the many parts to the research plan with the page numbered at the bottom. After the plan has been written the daily logs can be placed inside. The research journal logbook will have previous ideas, sketches, contact logs, data, and even pictures of the projects progression. Some teachers will have due dates in which they check the log book of your progress. Mr. Stampas has one on November 13th.

A Science Fair project cannot be done in one weekend. Ideally you want multiple replications, doing the entire project over again. In one replication you will have many trials, repetitions, and attempts. Try to aim for 30! (Surveys will have 50+ and computer program based ones will have 100+). One replication should be completed before Thanksgiving break, another during/after Thanksgiving break. If you want to win at regionals a third replication needs to be completed during/after Winter break. After one replication assess what went wrong. What were some of the errors? What was off from the goal you are trying to achieve? What was something unexpected, that didn't go as planned? Take note of all of these and do more research. Gather more sources (add them to your bibliography and binder) to figure out a solution. Then modify your experiment method. Write down the changes in your journal. Then try them out in the next replication.

STEM Art! You should be making your STEM Art perfect in this final week. Teachers will be submitting their top 5 to the school competition. Finalist will be announced during the fall festival on October 20th! Detail about the other art competitions will be given out in the future. They include the Crayola competition, Winter Park Sidewalk Competition, and the SECME Poster Competition.

Best of luck Orcas!

Mr. Stampas