

Elite Scholars Science Department

Student Science Research Project Schedule

Assignment	Assignment Description	Due By:
City/County Science Fair Application		To be announced
Topic Selection Wizard	Please log in to www.sciencebuddies.org and complete the Topic Selection Wizard (“Wizard”) to help narrow down an area of interest for your science fair project. You must submit your topic via Google Classroom	August 16 th , 2019
Question	The specific question you will be investigating in the science research project.	August 16 th , 2019
Research Plan & Annotated Bibliography	The Research Plan is a roadmap of the research questions that need to be answered. The Bibliography is a list of the sources that will be used to answer the research questions. Source Requirement: at least 5 offline sources including one encyclopedia.	September 12 th , 2019
Research Paper	The purpose of the Research Paper is to provide information to help understand why the experiment turns out the way it does. It should include: <ul style="list-style-type: none"> • The history of similar experiments or inventions. • Definitions of all important words and concepts that describe the experiment. • Answers to all the background research plan questions. • Mathematical formulas, if any, that are needed to describe the results of the experiment. 	October 14 th , 2019
Variables and Hypothesis	An explanation of which factors will be changed while conducting the experiment and a hypothesis on the resulting impact of the change.	October 14 th , 2019
Materials and Procedures	A detailed list of the materials that will be used to conduct the experiment and the detailed steps that will be followed while conduct the experiment	October 14 th , 2019
Conducting the Experiment	Minimum Trials: 5 runs of experiment. If students are working with plants, they should have 5 plants for each variable tested.	November 1 st , 2019
Data Analysis and Graphs	The analysis of the experimental data. A summary of the findings of the experiment.	November 1 st , 2019
Conclusions	An explanation of the results of the experiment.	November 1 st , 2019
Final Report and Classroom Science Fair PowerPoint	A report that collects all the above written assignments in one place plus a short abstract of the project. You will use the template provided to summarize your research for the classroom science fair.	November 15 th , 2019
Classroom Science Fair	You will present your research in your science classes. The top three research projects (per class) will be invited to compete in the School Science Fair.	November 18 th -20 th , 2019
Display Board	The final project board that will be displayed at the school science fair. Classroom science fair winners only!!	TBA
School Science Fair	The date of the school wide fair	TBA
Visit the Fair!	Parents may visit the science fair at this date and time.	TBA
City/County Science Fair		TBA

