

6th Grade Science Fair 2017

Timeline of Actions

1. Topic Selection, Category, Question- Experiment Plan (For help go to science buddies.com Topic Selection Wizard under student - project help – topic selection wizard)- ***when are you going to start conducting your experiment- you should do at least*** (minimum) 3 trials
Friday, December 2
 - Conducting the Experiment (Students should run a minimum of 3 trials of their experiment and record results in lab book)
OPEN
2. Research Plan (This is a roadmap of the research that needs to be answered, 6th -8th graders must have at **minimum of 3 on and offline sources**) **Wednesday, Dec. 7**
3. Variables and Hypothesis (An explanation of which factors will be changed while conducting the experiment and a hypothesis)
Wednesday, Dec. 14
4. Materials and Procedures/ Data Analysis and Graphs (A detailed list of the materials that were used to conduct the experiment and detailed steps that will be followed. This is the analysis of the experimental data. A summary of the findings of the experiment)
Wednesday, January 11
5. 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: 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 needed. **Wednesday, January 18**

6. Final Report and Abstract (A report that collects all the above written assignments in one place plus a short abstract of the project).
Wednesday, February 1

7. Display Board (The final project board that will be displayed at the fair, some teachers may elect to review the board prior to the fair).
Tuesday, February 7

10. Science Fair (Students will bring their project to the school)
Wednesday, February 8