



Science Fair Process at Pioneer Charter School of Science

- **Step 1: Select a topic and group members (due 09/03)**
Students turn in a topic proposal form for a grade
- **Step 2/3: Background research (due 09/24)**
Students turn in work cited document and full background research Inquiry chart for a grade
- **Step 4: Research Design Table (due 10/01)**
This document is a graphic organizer that outlines exactly how students plan to conduct their experiment or build and test their engineering prototype
- **Step 5: Research Plan (due 10/22)**
Student submit a full written step-by-step procedure of how the experiment/engineering project will be conducted
- **Step 6: Introduction and Methods (due 11/05)**
Students turn in rough draft of introduction and methods sections of their final research paper.
- **Step 7: Lab Notebook Due with Data (due 12/01)**
This is the target date for students to be done with their data collection/prototype building and testing phase of the Science Fair. Students turn in their digital lab notebooks for 30% of their total Q2 Final Exam Grade.
- **Step 8: Rough Draft of Research Paper (due 11/30)**
Students have already written an introduction, methods and work cited. They add results and conclusion sections and supplant their work cited if necessary.
- **Step 9: Final Draft of Slideshow Presentation (due 12/10)**
Students submit PowerPoint or Google Slides 7-10 minute presentation summarizing the entire project. Students will be presenting to peers during in-class presentations. The presentation is 30% of students' Q2 Final Exam Grade.
- **Step 10: Present to judges at the Preliminary Science Fair (12/15-17)**
The score earned at this judging is factored into students' Science Fair grade and determines eligibility to advance to the Network Fair. Participation in this judging is mandatory.
- **Step 11: Final research paper (due 12/20)**
Students submit their final paper for grading. The paper is 40% of students' Q2 Final Exam Grade