

8th-Grade Science Fair Project Schedule

Assignment	Assignment Description	Due Date
Topic Selection	Review science fair projects from Science Buddies. You will change this experiment.	October 6 – December 1, 2023
Question	The specific question the student will be investigating in the science fair project.	December 1, 2023
Background Research and Work Cited	The research graphic organizer (on Google Classroom) aims to provide information to help you understand why the experiment turned out the way it did. 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 any, are needed to explain the experiment's results. The Bibliography is a list of the sources that will be used to answer research questions. You are required to have at least three different sources.	December 1, 2023
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.	December 8, 2023
Materials and Procedures	You must provide a detailed list of the materials used to conduct the experiment and the exact steps followed while conducting your experiment. You are responsible for gathering your materials. However, the science department may have some materials for your use. Ask!	
Conducting the Experiment	You will have a minimum of two weeks in the classroom to do multiple runs of your experiments—minimum Trials: 3 runs of experiment . If you are working with plants, you should have three plants for each variable tested.	December 21, 2023
Data Analysis and Graphs	The analysis of the experimental data. A summary of the findings of the experiment.	January 5, 2024
Conclusions	An explanation of the results of the experiment	
Final Report	A report that collects all the above-mentioned assignments in one place, plus a short abstract of the project	January 12, 2024
Display Board	The final project board will be displayed at any presentation science fair - The school will provide the board.	January 19, 2024
Presentations	You must turn in your project to Mrs. Young on this date.	January 23-24, 2028
Nicolet Science Fair	Parents may visit the science fair at this date and time.	February 2024 (TBD)
Badger State Science Fair	The State Science and Engineering Fair will be held at UW-Milwaukee - Each school can only send five projects.	March 9, 2024

