

Booth-Fickett Science Fair

Dear Families,

Date: _____

Scholars are about to begin their science fair projects! This should be a fun and interesting learning opportunity that allows each scholar to explore a testable scientific question. Please remember:

- As a family your job is only to assist. The responsibility of completing the project by the specified deadlines is your child's.
- Mistakes are to be expected. Sometimes, experiments even need to be started over. That's okay! Real scientists constantly refine their studies and need to start again!
- Please be available to assist with any portions that may pose a safety risk.
- This is a multi-stage project. Scholars must complete a Science Fair Student Guide (inside this folder), a PowerPoint, and present their work in order to receive full credit.
- NO display board will be needed for the final project.

Thank you for your support!

Booth-Fickett Science Team

My child and I have reviewed the Science Fair Student Guide in its entirety. We know when each section is due and that all components must be brought to school by _____.

My child understands that he/she is responsible for presenting his/her science fair project to the class. Project presentations will begin on _____.

Student Signature

Responsible Adult's Signature

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Science Fair Timeline

Component	Due Date
Project Topic and Question	
Bibliography and notecards	
Hypothesis and Identified Variables	
Procedures and Materials	
Research Essay	
Completed Data Charts	
Graphs	
Conclusions	
Abstract	
PowerPoint	

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Research Question (5)

Full points: Question is written in the following format: How does _____ affect _____? Research question is safe, measurable, realistic, and accomplishable. Independent and dependent variables have been identified.

My independent variable is:

My dependent variable is:

*** DOES YOUR EXPERIMENT INVOLVE ANY SORT OF TESTING ON HUMANS OR ANIMALS? IF SO, YOU WILL BE REQUIRED TO FILL OUT AN ADDITIONAL FORM – YOUR TEACHER WILL PROVIDE THIS FOR YOU. ***

Check ONE:

Yes, I am using humans or animals as my test subjects: _____

No, I am not using humans or animals as my test subjects: _____

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Introduction/Purpose (5)

Full points: Introduction is written in the following format: In this experiment, I will be testing ____ to figure out how it affects ____.

The purpose of this experiment is to _____. I became interested in this experiment when _____. The information gained through this experiment will _____.

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Hypothesis (5)

Full points: Hypothesis makes sense and is in the required “If... then... because...” format.

Materials (5)

Full points: Materials section is complete, specific, and written in a bulleted list.

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Data Table (5)

Full points: Data table is neat, complete, and filled in with results.

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Graph (10)

Full points: The graph is an accurate representation of the data and easy to understand. The graph should show averages from your three trials. Your graph

MUST have: A title, X axis (Independent variable – what you changed), Y axis (Dependent variable – what you measured), units of measurement

Note: A key may also be needed depending on your data.

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PowerPoint Layout (Sample only – Do not write on this page)