

5th Grade Science Project Information 2017-2018

This year, you will be required to complete a project for the science fair. You must complete an experiment. You will receive two grades for your science fair project. The first score you will receive will be a 100% just for turning in the science fair project by the due date **Friday, January 29, 2018**. Ten points will be deducted for each day the assignment comes in late. The second score will come from the grade you receive on the science fair rubric from the judges and the teacher's grade for the project.

The following timeline will be used to help guide you in your science fair process. You and your teacher will use these dates as a check point to see if you are progressing at an appropriate rate. On each due date you will be required to return this form and your science diary, when appropriate. These due dates are to help ensure that you finish on time and do a great job!

Please see your teacher early if you have questions. If you wait until the due date you will be at risk of falling behind. The due date for your project will be here before you know it.

Part 1- Due: Friday, October 6, 2017

Read through ALL of the items listed on the Bauder website for guidelines for the Science Fair project. This can be found on the Bauder Website: <http://www.pcsb.org/bauder-es> (Click on Academics > Science Fair 2017-2018). If you would prefer, a copy of the Project Inquiry Guide can be sent home. Please let me know if you need one.

Sign below showing you have read the science project grading policy and the science inquiry guide

Student Signature: _____

Parent Signature: _____

**** Special Note: now is a good time to get your Diary started****

Part 2-Due: Friday, October 27, 2017

___ Get a diary. Begin keeping notes on EVERYTHING you are doing.

___ Select a topic. My topic is _____.

___ Check the rules and safety regulations in the Science Fair and Showcase Guide (also on the Bauder website) to make sure your project is acceptable.

___ Review grading rubric. (Also on the Bauder website)

Experiment - Write your research question here:

Part 3-Due: Friday, November 17, 2017

___ Look at the chart below and follow the directions.

In your diary – set up a page for each of these items and complete the data:

- ___ Predictions – Write 3 (using the guidelines) and circle the one you predict will be the outcome
- ___ Independent variable (the thing that will change) – Write your variable
- ___ Dependent variable (what will be measured) – Write your variable
- ___ Controlled group (Describes the set of data measured under normal conditions) – Write your variable
- ___ Title 1 page in your diary for each of these required elements:
 1. Procedures
 2. Materials
 3. Set-up conditions
 4. Data Collection Chart
 5. Graph
 6. Results
 7. Explanation
 9. Real World Uses

Part 4-Due: Friday, December 1, 2017

___ ***Conduct your experiment.***

___ Complete the following pages:

- ___ Procedures
- ___ Materials
- ___ Set-up Conditions
- ___ Data chart

Part 5-Due: Friday, December 15, 2017

___ Look at the chart below and follow the directions.

Remember to collect your data and use **Metric Measurements**

1. Use your data to create your graph.
2. Write your experiment results.
3. Write about the real world uses. (must have at least 3 types)
4. Write an explanation summary of your finding using scientific vocabulary and reasons

Part 6-Due: Friday, January 5, 2018

___ Build your presentation board.

****** Part 7-Due: Friday, January 19, 2018******

___ Turn in your project board by Friday, January 19, 2018

Part 8- Monday, January 22, 2018

___ Be prepared to explain your experiment to a Science Fair Judge.

Part 9- Friday, January 26, 2018

- ___ Attend Science Fair Expo at 6pm
- ___ Pick up your science fair project at the end of the night.
- ___ ALL projects MUST be taken home by Monday, January 29, 2018
- ___ Congratulate yourself on a job well done!