**5th Grade Science Project Information 2019-2020**

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

This year, you will be required to conduct an experiment and complete a project board for the science fair. You will receive grades for the progress on your experiment according to the timeline. You will also receive a grade for your final project based on the rubric from the science fair judges. The final project is due on **Friday, January 24, 2020**.

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 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 11, 2019**

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*](http://www.pcsb.org/bauder-es) *(*Click on Academics > Science Fair Project Information). **There will not be a parent meeting night, so it is important to review the Science Fair Powerpoint for all the information needed to complete an experiment.**

Sign below showing you accessed the Bauder website with the details about the Science Project:

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Part 2-Due: Friday, October 25, 2019**

\_\_\_ With the diary provided - begin keeping notes on EVERYTHING you are doing.

\_\_\_ Select a topic. My topic is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

\_\_\_ Check the **rules and safety regulations** in the Science Fair Project Powerpoint pages 25 & 26 (on the Bauder website) to make sure your project is acceptable.

\_\_\_ Review grading rubric (on the Bauder website)

**Experiment - Write your research question here:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Part 3-Due: Friday, November 8, 2019**

**In your diary – 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 you variable

\_\_\_ Dependent variable (what will be measure) – Write your variable (Use metric terms)

\_\_\_ Control Group (Describes the set of data measured under normal conditions) – Write your variable

**Part 4-Due: Friday, November 22, 2019**

\_\_\_ ***Conduct your experiment***.

\_\_\_ Complete the following pages:

\_\_\_ Procedures

\_\_\_ Materials

\_\_\_ Set-up Conditions

\_\_\_ Data chart

**Part 5-Due: Friday, December 13, 2019**

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

1. Use your data to create your graph.
2. Write your experiment results in diary.
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 17, 2020**

­\_\_\_ Build your presentation board. (Review sample on Bauder website)

**\*\*\*\* Part 7-Due: Friday, January 24, 2020\*\*\*\***

\_\_\_ **Turn in your project board by Friday, January 24, 2020**

**Part 8- Tuesday, January 27, 2020**

\_\_\_ Be prepared to explain your experiment to a Science Fair Judge

**Part 9- Thursday, January 30, 2019**

\_\_\_ Attend Science Fair Expo at 6pm

\_\_\_ ALL projects MUST be taken home by Friday, January 31, 2020

\_\_\_ Congratulate yourself on a job well done!