

## 5th Grade Science Fair Information 2019

This year your child will be required to complete an experiment for the science fair. Your child will receive a grade based on what they receive on the science fair rubric.

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

All of the materials that are provided for your students are also located on Safety Harbor Elementary website under Science Fair. Please contact your classroom teacher with any questions. The due date for your project will be here before you know it.

Science Fair boards and labels can be purchased at the office before the bell rings each morning.

### **Part 1-Due: Tuesday, February 12, 2019**

\_\_\_ Read through **PCS Showcase Guide** and **Inquiry Guide** as well as the **Science Fair Rubric**. This can be found on our school's website as well. Once you have read this manual please sign your name that the task has been completed. X\_\_\_\_\_ (parent/guardian signature).

### **Part 2-Due: Friday, February 22, 2019**

\_\_\_ Select a **topic** using your Research Journal. Discuss your topic with your teacher.

\_\_\_ **TEACHER INITIALS**

\_\_\_ Check the rules and safety regulations to make sure that your project is acceptable.

\_\_\_ Begin keeping notes on EVERYTHING (with dates) that you are doing either in a journal or on loose-leaf paper.

\_\_\_ Once your topic has been approved write down your **Research Question, Wonderings, and background knowledge on topic** in your Science Journal.

**TIP:** It is important to keep your Science Journal NEAT and ORGANIZED for the judges!!

### **Part 3-Due: Friday, March 1, 2019**

\_\_\_ Review your Science Fair Rubric.

In your Journal complete the following:

- \_\_\_ 1. Identify your independent and dependent variable and control group.
- \_\_\_ 2. Write set-up conditions/constants
- \_\_\_ 3. Write down your predictions.
- \_\_\_ 4. Write down the materials you need.

### **Part 4-Due: Thursday, March 7, 2019 (Teacher Workday Friday, March 8, 2019)**

\_\_\_ Write down your experiment directions and conduct your experiment.

\_\_\_ Fill out the data table with your ten trials. Do this three times.

**TIP:** Remember to collect your data and use **Metric Measurements!!**

### **Part 5-Due: Friday, March 22, 2019 (2 weeks to complete)**

\_\_\_ Look at the list below and follow the directions.

- 1. Use your data to create your graph.
- 2. Write result statements, experiment explanation, real world uses and experiment reflections in your Science Journal.
- 3. Sketch your board design.

### **Part 6-Due: Friday, April 5, 2019**

\_\_\_ Review your Science Fair Rubric.

\_\_\_ **Turn in your project board TODAY!**

**SCIENCE FAIR PROJECTS WILL BE DUE APRIL 5th**  
**ALL 5<sup>TH</sup> GRADE PROJECTS WILL BE DISPLAYED April 24, 2019 FOR STEAM NIGHT (SCIENCE, TECHNOLOGY, ENGINEERING, THE ARTS, AND MATHEMATICS).**