**Science Exhibit**

Each child will be responsible for creating a science exhibit to be presented to the class on **March 13th.** The student may choose a science project of his/her choice. I have several Science exhibit project books and more can be found in the school library. The Science exhibit will be graded as a science project grade. The exhibit may **not** exceed the size of the child’s desktop. The Science Exhibit will be held on March 15th after the PTO Meeting.

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Science Project Proposal

**The following is a proposal for my science project:**

**Topic:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**The Big Question (What I want to find out):** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Hypothesis (A good guess as to what I will find out):** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**On what did you base your hypothesis?** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Procedure (Experiment designed to test the hypothesis):**

**Materials:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Directions (Brief description of the experiment or investigation):** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Return this completed proposal to Miss Grimm by March 2,2012**

**Science Project Directions**

The following list of steps, which were discussed in greater detail in the classroom should be of help to you and your child:

1. Choose a problem to investigate (reading about areas of interest will help your child to select a topic). A list of topics is posted in the classroom. Several books are available in the classroom but may not be taken home.
2. Do some background research; get advice and discuss ideas with others.
3. Develop a hypothesis, which is a scientific “guess”, about the probable results or expected outcome.
4. Plan the steps of the experiment you will use to test your hypothesis. Be sure to include safety as a major consideration.
5. Complete and turn in your Preliminary Project Proposal, by March 2nd for approval. (Turning in your proposal and project on time is part of your grade!)
6. Begin the experiment and observations. Find new ways of making your investigation interesting. Keep accurate records.
7. Carefully review your results and draw a conclusion.
8. Design and construct your Science Fair Exhibit. Your exhibit cannot be larger than your desktop. Make sure the project has your name and grade on it.
9. Practice your oral presentation. I will record your presentation to be played during the exhibit on March 15th!
10. Identify your sources:
11. Bring your project to school on March 13th!
12. If you have any questions, please direct them to Miss Grimm.



**Science Fair Evaluation Form**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grade \_\_\_\_\_\_\_**

**Project Title \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**POINTS**

**Low-High**

1. **Scientific Method Components**
2. **The topic was clearly defined, question was specific. 1 2 3 4**
3. **The hypothesis was reasonable. 1 2 3 4**
4. **Every step of the procedure was clearly stated. 1 2 3 4**
5. **The results were stated and understandable. 1 2 3 4**
6. **The conclusion is a logical outcome of the other steps. 1 2 3 4**
7. **Visual Display**

**The project is clearly explained with supporting data. 1 2 3 4**

**(Charts, graphs, experiment trials, etc.)**

1. **Project Selection**

**The project demonstrates grade level appropriate work and is reflective of 1 2 3 4**

**the child’s own work.**

1. **The Science Project Proposal form was turned in on time. 1 2 3 4**
2. **Validity of Information**

**The project indicates care and accuracy in research, testing & conclusions. 1 2 3 4**

**A valid conclusion has been reached.**

1. **Originality, Creativity, and Presentation**

**The project reflects originality and creative thinking in idea, approach and 1 2 3 4**

**method.**

1. **Student Interview**
2. **The student is able to explain all steps of the investigative process. 1 2 3 4**
3. **The student demonstrates a clear knowledge of the project. 1 2 3 4**
4. **The student demonstrates a clear understanding of a valid 1 2 3 4**

**conclusion.**

**Total Points: \_\_\_\_\_\_\_\_\_\_\_**