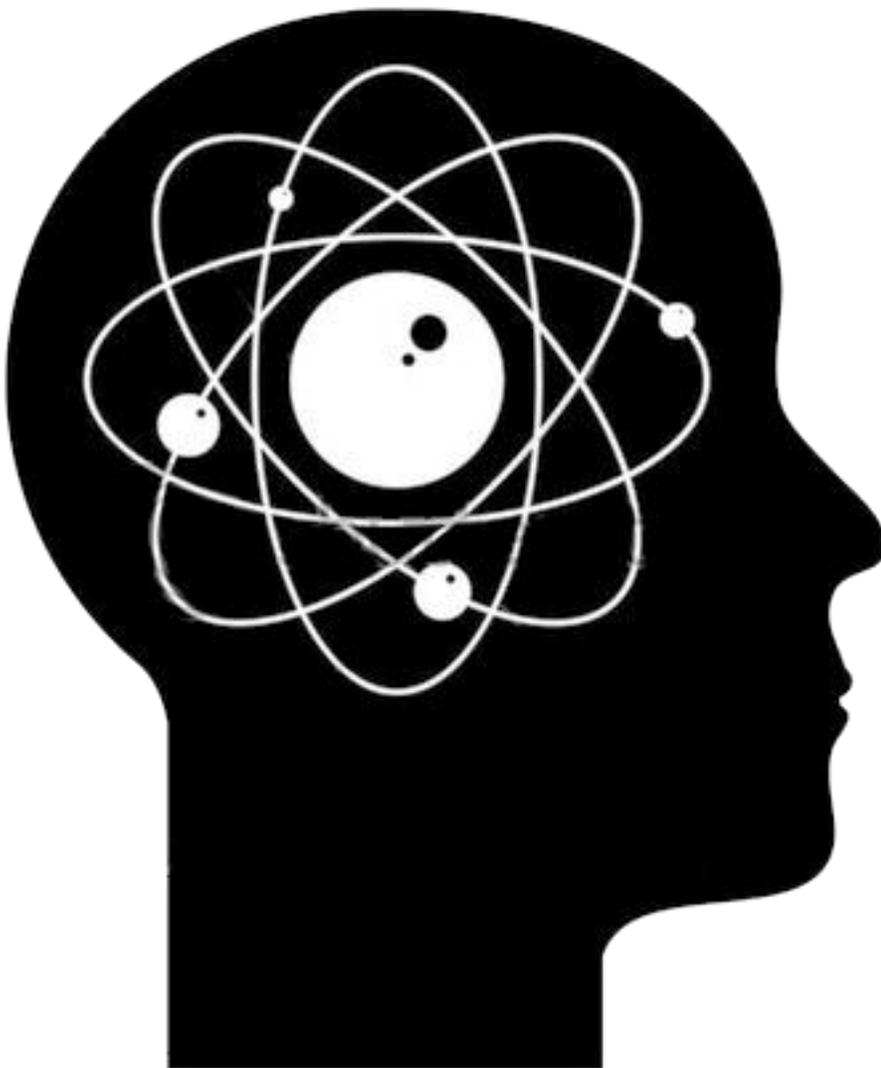


**COLLECTION**  
**PUTTING TOGETHER A SCIENCE FAIR**  
**COLLECTION PROJECT**  
**For Kindergarten - 2nd Grade ONLY**



**What are you curious about?**

**Hopedale Science Fair**  
**Memorial School**



# Helpful Hints for Students

❖ **Start EARLY; don't wait until the last two weeks before it is due.**

❖ **Plan it out. It will be much more fun if you spread the time out over several days per week or several weekends, and you won't have to race to get it done! It might look like this:**

**Week 1 – Decide on your PROBLEM (QUESTION) – what you want to find out.**

**Week 2 – Collect and gather materials about your topic.**

**Week 3 – Work the steps of your project – Sort, observe, and record data.**

**Week 4 – Think about the results and what they tell you.**

**Week 5 – Make your display or poster board.**

❖ **This is to be a fun process. “Success” is a completed project where you had fun and learned a lot.**

❖ **Enjoy the fun!**



# **ELEMENTARY COLLECTION CONTENT**

## **Kindergarten - 2<sup>nd</sup> Grade**

### **TITLE PAGE**

**Name for Project, First and last name(s), Teacher(s), Grade**

### **PURPOSE**

**What did you collect?**

**Why did you choose that to collect?**

**What did you want to find out?**

**What things will you compare?**

### **PROBLEM (QUESTION)**

**This is your question – this is what you want to find out.**

**(Example: What kinds of leaves grow in my neighborhood?)**

### **HYPOTHESIS**

**This is what you think the answer to your question might be.**

**(Example: In my neighborhood there are these kinds of leaves.)**

### **COLLECTION (EXPERIMENT)**

**This is the collection that answered your question.**

**A. List all of the materials you used.**

**B. Sort collection in different ways.**

**C. Record (pictures, graphs, charts, etc.) all of the ways you sorted.**

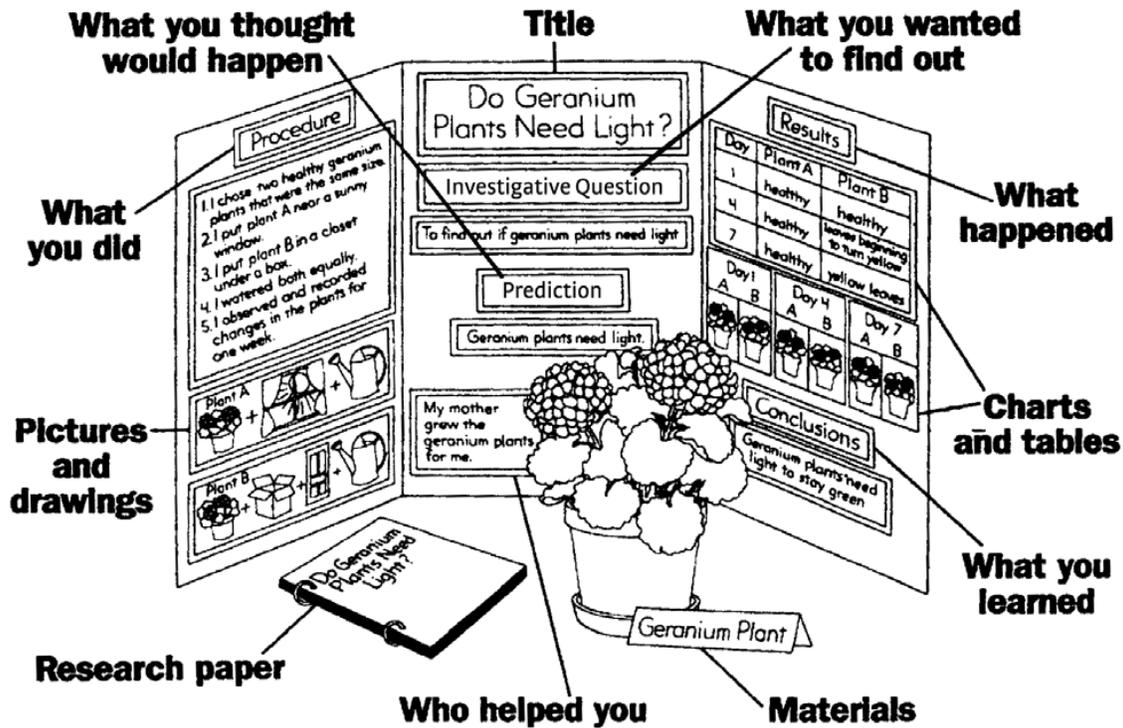
**D. Tell why you sorted them in these ways.**

### **CONCLUSION**

**What was the answer to your problem or question?**

**(Example: There are these kinds of leaves in my neighborhood.)**

**Tell whether it agrees or disagrees with your hypothesis.**



## COLLECTION DISPLAY INFORMATION

### CREATING YOUR DISPLAY

The display is the set-up you'll use on fair day. When you make your display board, remember that this board will be your audience's first impression of your science fair project. It is a display that tells the story of all your efforts. So keep it simple, very neat and well-organized. The display board must be sturdy and stand by itself on a table. Foam core-board and cardboard are the best materials.

1. When display board is laid open and flat, it should be no more than 48 inches wide.
2. Side panels should be 12 to 18 inches.
3. Height should be no more than 48 inches.

### LETTERING

The subtitles which are mandatory on the display board are: Problem, Hypothesis, Procedure, Results, and Conclusion.

### DISPLAY ITEMS

Your display should include your actual collection itself, or something that represents it, such as drawings, photos, or samples of what you collected. These should be placed in front of, or on, the display board. Nothing you display should be a safety hazard. You may not include harmful chemicals, bacterial cultures, sharp objects, or any source of heat or flames. No live or preserved animals are allowed. This is where photos and drawings done while working on your collection project would be a great addition.

# **Collections (K – 2nd Grade)**

## ***Targets for an Excellent Science Fair Project***

- ⇒ **Purpose is clear, expresses a desire to learn something new, and explains how the student decided what to collect.**
  
- ⇒ **Problem is a well-written question that directly relates to the purpose and the objects collected.**
  
- ⇒ **Project is appealing and neat, and is readable at approximately 2 feet distance.**
  
- ⇒ **It is well organized and clear, makes striking use of inventive or amusing visuals and/or models, and uses language and spelling flawlessly.**