

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

Date: Friday April 24, 2009

### Science Fair 2009-2010

Welcome to the 2009-2010 Science Fair project! This will be an exciting and challenging activity for all of you! Before we look to deep into the details, let's try to find a topic that interests you! The theme for the 2009-2010 GMA Science Fair is

## **“Learning About Our World”.**

### **What do I do first?**

The first thing you need to do is to find a topic that interests you. Go to [www.sciencebuddies.org](http://www.sciencebuddies.org). At this site, you will find a survey. Answer the questions and it will guide you to science fair ideas. Complete this paper as you search.

### **What topics do I like?**

As you answer the questions in the survey, try to think about topics that may interest you. Examples include: plant growth, star life, ocean tides, sports, inventions, and recycling. These are not experiments yet. Just think of topics. List them here.

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

### **What do I do now?**

Now you have 5 topics. Search the web, search the library, and search the books in the lab. You want to find out a few things about the 5 topics you picked. Use this space to take notes about your topics. Remember to stay connected to our theme!

1.

2.

3.

4.

5.

Now you know a little bit about your 5 topics. Which one interests you the most? Do you think you know the topic you would like to experiment with? Okay ... list it here.

My topic: \_\_\_\_\_

**Got my topic ... now what?**

Now you continue researching the topic to find one particular area that interests you. For example:

Topic	Specific area
Plant growth	effect of soil type on seeds
Plant growth	effect of geographic location on seeds
Sports	gravitation effect on baseball
Star life	how does a star loose it's light
Ocean tides	When is the best time to fish

You need to continue to research your topic until it gets to a point that you are investigation ONE variable or piece of the puzzle. Keep drilling down until you are able to think about a way to TEST or experiment your idea. Use this space to write down your thoughts and ideas.

Here are a few ideas that I am thinking about testing:

1. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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