**SCIENCE PROJECT STEPS**

1. Choose a topic. Be sure it interests you. Don’t pick one because you think it will be easy. Talk it over with your parents and when you have decided, inform your teacher, and do not ask to change your topic later.

2. State your purpose as a question. What is it that you want to find out by doing this project?

3. Research your problem. Look at any books/websites that might help you, make observations by simply looking at things, talk to people, and find out as much as possible about your topic. Write down any ideas you have and where you got them. Also, keep note of all information needed for citing your resources.

4. Form a hypothesis. What do you think is going to happen? Based on what you know or found out from step #3, what do you think the results of your experiments will be? After doing the experiments, it may turn out that your guess was wrong. It is okay if this happens.

5. Plan your project. How will you test your hypothesis? What experiments will you do? How will you measure the results? Where will you keep your information? Be sure to keep notes and write down everything you do and what happens.

6. Collect all your materials. Find a place to keep things where others won’t bother them. Let other family members know what you are doing so they do not throw your materials away by mistake.

7. Conduct your experiments. Remember, the more times you do an experiment the more reliable and accurate the results will be. Do each experiment at least three times and get an average of the results for your graph. Use something to measure your experiments: a ruler or yardstick if you are measuring distance, a clock to measure time, etc. Check the measurements to be sure you are correct.

8. Record your data. As you do your experiments, you will want to write down what you saw or found out. Organize this information in an orderly manner. Put the date, time, and any other useful information. Write your measurements clearly.

9. Draw conclusions. What did you learn from your experiments? Have you proved or disproved your hypothesis? You made a guess about what you thought would happen. Now tell what really did happen. You don’t lose points if your guess turned out to be wrong.

**Relax and Enjoy yourself. You will do a GREAT job!**

**What’s Next?**

After you are done with the steps above, you will conduct a science experiment and then create a powerpoint presentation with photos to present your project. Here is a list of the order of the slides:

**Slide 1: Introduction-** Your Name Date and Name of the Experiment should be here( you may add pictures)

**Slide 2: Question-**  The question(s) that you are asking should be on this slide

**Slide 3: Hypothesis-** This is your educated guess of the outcome of your experiment

**Slide 4: Materials And Procedures-**  This is a list of what you used for the experiments and how you conducted the experiment

**Slide 5: Experiment-** Here you can add pictures or a video of you conducting the experiment

**Slide 6: Results-** Tell or show using pictures what happened

**Slide 7: Conclusion-** Explain if your hypothesis was correct or not; Also explain what you learned from conducting the experiment.