

## What Type of Science Project Should You Do?

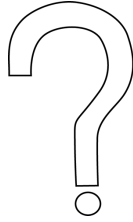
There are two types of projects:

1. **A Model, Display, or Collection** – Shows how something works in the real world but no testing.
2. **Experiment** – An Experiment is a project that shows testing being done and the gathering of data. Why choose an Experiment? They are fun, interesting and they take you through the **SCIENTIFIC METHOD**, which is the way real scientists investigate in real science labs! (The experiments don't need to be complicated! See examples below.)

### Scientific Method Worksheet:

Name \_\_\_\_\_ Date \_\_\_\_\_

#### **Ask a QUESTION:**



#### **Make a HYPOTHESIS:**



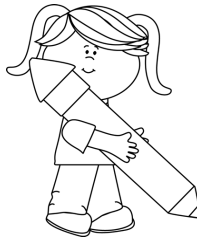
#### **Test the HYPOTHESIS:**

**Supplies:**

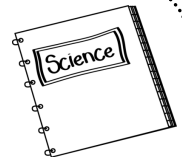
**Procedure:**



#### **Record the RESULTS:**



#### **Draw a CONCLUSION:**



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### SCIENTIFIC METHOD:

1. **Ask a Question** – What are you trying to learn?  
*Examples: Which paper towel is more absorbent? Does the type of liquid affect how fast an ice cube melts? What effect does sugar (or salt, etc.) have on the boiling point of water? How does increasing the height of a ramp affect how far the ball rolls?*
2. **Make a Hypothesis** – What do you think will happen?  
Example: I think Brand X will be more absorbent because it is thicker and larger than Brand Y and Brand Z.  
Supplies – Make a list of supplies you will need for your experiment.  
Procedures – Make a list of the steps in your experiment.
3. **Test the Hypothesis** – Conduct the experiment. Find out if your hypothesis was correct!
4. **Record the Results** – What did you observe when you performed the experiment? Write down the results of the experiment every time you test it. You can organize your data in tables, graphs or charts.
5. **Conclusion** – What did you learn? Was your hypothesis correct?