**Scientific Method Project**

**Every quarter your student will complete a science project. The goal of this assignment is to learn and practice the Scientific Method. Each step of the Method must be included in the student’s creative display of their project (poster, PowerPoint, website, diorama, booklet, mobile, etc.).**

**Question**:

Ask something!

*Questions start with a question word (how, when, what, why, etc.) and end in a question mark (?).*

**“How does…?” “What happens…?”**

**Research**:

Learn about it!

*Look on the Internet, in magazines, at the Library for information about your question.*

**“I learned that…” “Such-and-such does this because…”**

You must be able to explain why your project does what it does.

**Hypothesis**:

What do you think will happen?! Why?

*Make a guess about what you think will happen based on what you just learned.*

**“I think \_\_\_\_\_\_\_\_\_\_\_\_\_ because…”**

**Experiment**:

Try it!

*Devise an experiment to try and answer your question.*

Document it through pictures, video, drawings, narrative, etc.

**Analysis**:

Keep track!

*Record what happened during SEVERAL tries of your experiment.*

Document it through graphs, charts, pictures, etc. and then compare the results.

**Conclusion**:

What happened? Were you right?

*Answer your question. Was your hypothesis correct? Why did that happen?*

**“After the experiment I found that…” “My hypothesis was (or was not) correct because…”**

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| 6 steps of Scientific Method | 3 pts each = | 18 |
| Display (creativity included) | **=** | 4 |
| Neatness | **=** | 3 |
|  | **Total =** | **25 pts** |
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