Scientific Method Foldable - What to write?

  **Question - Ask a question that can be experimented to find the answer to. Example:**

 Hypothesis - Make an educated guess that expresses what you EXPECT the results of a test or an experiment to show. This is a prediction

Use an "If... then..." statement. Example: If the (independent variable) ... then the (dependent variable) ...

 **Research & Observe - Use resources to gather information about your question. This can include the Internet, journal articles, books, or observations**

 Plan Experiment - Make a plan for how you will test your hypothesis. This includes making a materials list, and a procedure.

 **Perform Experiment - Use your plan to test your hypothesis. Be sure to follow your procedure. This portion of the scientific method is done in a lab setting.**

 Collect & Analyze Data - Create a table to input all information gathered during your experiment or test. You may graph this data to find trends, themes, or tendencies.

 **Conclude & Share - Decide if your hypothesis was correct. Write your conclusion in paragraph form, to be used to share with other scientists. This is a formal write-up.**

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