

Name: _____

Date: _____

Grade: _____

“Scientific Method” is a word used to describe one way scientists solve problems about the world. They make observations, ask questions, make hypotheses, test and evaluate ideas and draw conclusions. Scientists may follow different paths in an investigation to generate evidence to support ideas.

1. Ask a Question – about something you observe:

2. State Your Hypothesis – a possible answer to your question that can be tested:

If _____ then, _____
because _____ .

3. Control Variables (many):

Dependent Variables (what is measured):

Experimental Independent Variable (one):

4. Materials:

5. Procedure – test your hypothesis with trials:

6. Results – interpret and analysis data:

7. State Your Conclusion:

My data does – does not support my hypothesis.