

Name _____

Test Date: _____

Scientific Method Study Guide

Part 1: Match the scientific tools with the correct definition:

1. _____ balance	A. A tool scientists use to measure very small amounts of liquid.
2. _____ clock	B. A tool scientists use to measure temperature.
3. _____ dropper	C. A tool scientists use to measure time.
4. _____ ruler	D. A tool scientists use to measure the weight of an object.
5. _____ microscope/hand lens	E. A tool scientists use to see very small objects.
6. _____ thermometer	F. A tool scientists use to protect their eyes.
7. _____ telescope	G. A tool scientists use to measure how long or tall something is.
8. _____ safety goggles	H. A tool scientists use to see things far away.

Part 2: Fill in the blank with the correct answers from the word bank.

hypothesis	experiment	observations	data	conclusion	question
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9. A _____ is a reasonable prediction that scientists make for each experiment.

10. Information scientists collect during an experiment is called _____.

11. Scientists write down what they see, hear, taste, smell, and feel during an experiment. These are called their _____.

12. To test your hypothesis, you conduct an _____ several times to make sure your results are correct.

13. At the end of an experiment, scientists write a _____ explaining what they learned.

**This study guide is a great tool to study with your child. However, it is not meant to be memorized. We expect for students to be familiar and knowledgeable over the content in this study guide. The test will require students to apply these concepts to different problems and situations. Remember that the 2nd grade science website and your student's Google Classroom have many valuable resources to study with as well!*

