**The Methods of Science**

Reinforcement worksheet

1. Place the following in a logical order by writing the numbers from 1 through 6 in the spaces provided.

\_\_\_\_\_\_\_\_\_\_\_\_\_ a. test the hypothesis

\_\_\_\_\_\_\_\_\_\_\_\_\_ b. gather information

\_\_\_\_\_\_\_\_\_\_\_\_\_ c. form a hypothesis

\_\_\_\_\_\_\_\_\_\_\_\_\_ d. draw a conclusion

\_\_\_\_\_\_\_\_\_\_\_\_\_ e. state the problem

\_\_\_\_\_\_\_\_\_\_\_\_\_ f. analyze the data

1. What is an experiment?

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1. Why is a control important in an experiment?

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1. Why it is important to follow all directions in an experiment carefully?

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1. How can a model be useful to a scientist?

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1. Why is gravity an example of a scientific law?

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1. Does technology always follow science? Explain.

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