

Name: \_\_\_\_\_ Date: \_\_\_\_\_  
Chemistry

## Worksheet



# The Experimental Process

**DIRECTIONS:** Write the best answer on the line provided.

- \_\_\_\_\_ 1. it changes in an experiment
- \_\_\_\_\_ 2. a tested idea that explains a natural phenomenon
- \_\_\_\_\_ 3. the process of science
- \_\_\_\_\_ 4. data made of numbers
- \_\_\_\_\_ 5. a statement that describes a natural phenomenon
- \_\_\_\_\_ 6. data consisting of words and descriptions
- \_\_\_\_\_ 7. an untested idea
- \_\_\_\_\_ 8. it doesn't change in an experiment
- \_\_\_\_\_ 9. a part of an experiment that is changed by the experiment
- \_\_\_\_\_ 10. the observation and description of nature
- \_\_\_\_\_ 11. a part of the experiment that is changed by the scientist
- \_\_\_\_\_ 12. the information collected

**DIRECTIONS:** Complete the steps for experimental design.

13. State the \_\_\_\_\_
14. Choose the \_\_\_\_\_
15. Determine the \_\_\_\_\_
16. Design a(n) \_\_\_\_\_
17. Collect and record \_\_\_\_\_
18. Then \_\_\_\_\_

*"Success is neither magical nor mysterious. Success is the natural consequence of consistently applying basic fundamentals." -- Jim Rohn*