

# What is Science?

What is Science?	<p>The systematic _____ of the world, space, and the processes governing them.</p> <p>Scientists _____ and _____ data to solve a problem.</p> <p>They use the Scientific Method</p>
The Scientific Method	<p>The _____ Method is a guide used to ensure that experiments and _____ are done in an orderly and complete fashion.</p> <ol style="list-style-type: none"><li>1. State the _____</li><li>2. _____ the Problem</li><li>3. Form a _____</li><li>4. _____ the Hypothesis</li><li>5. _____ the Data from the Experiment</li><li>6. Form a Conclusion</li></ol>
Variables	<p>Variables are anything that can be _____ within an experiment.</p> <p>There are _____ types of variables....</p>
Independent Variables	<p>An independent variable is the _____ of the experiment that is _____ by the person doing the experiment.</p> <p>Normally this is _____ is being _____.</p>
Dependent Variables	<p>A dependent variable is the part of an experiment that is _____ by the _____ variable.</p>
Control Group	<p>The control is the part of the experiment that is _____ changed and is used to _____ the experimental results to.</p>
Reliable and Valid	<p>Reliable and valid experiments can be _____ and similar _____ will be obtained.</p> <p>All experiments should be _____ to ensure _____.</p>

## Types of Descriptions

Qualitative descriptions describe an object's \_\_\_\_\_ without using specific values.

There are \_\_\_\_\_ numbers used in qualitative descriptions

Quantitative descriptions \_\_\_\_\_ an object using specific \_\_\_\_\_.

There are \_\_\_\_\_ involved in quantitative descriptions.