

The Scientific Method

When a scientist conducts an experiment, he/she follows a process called The Scientific Method. Use the worksheet to keep your experiments organized and track all of your findings.

Question:

All scientists start with a question or a problem. First, you need to identify what question you want to answer or what problem you're hoping to solve.

Hypothesis:

Once you've identified a question, write down what you think the outcome of the experiment will be as well as any other ideas about what will happen along the way.

Experiment:

The next step in the scientific method is to write down the plan of the experiment. This includes all of the items that will be used or included, details about the experiment's process, and the timing that will be followed.

Data:

During the experiment, write down everything that happens and your observations. This section also includes any measurement information.

Results:

Once your experiment is complete, use all of the data collected to evaluate the experiment and communicate the results of the experiment. Was your hypothesis supported, or did a different outcome occur?



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Experiment:

Data:

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