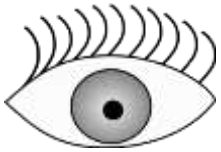
Scientific Method

Make an observation



Pick something that interests you and observe it closely. Is there something about it that makes you wonder?

Ask a question

Be specific in your questions about who, what, where, when, why, which, or how. Make sure the questions can be measured with an experiment.

Research the subject

Gather information that pertains to your observation and your question. Begin preparation for your experiment.

Form a hypothesis

Make an educated guess about what you think will happen in your experiment. Make sure it's something that can be measured by your experiment and that it answers your question.

Conduct the experiment

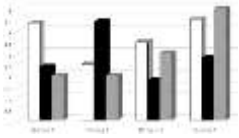
Detail your materials and instructions. Repeat the process to be sure of your results. Pay attention to variables and only change one at a time to ensure accuracy.

Organize your data

Make a summary of your experiment's results. You can utilize graphs or charts if helpful.

Analyze the results

Determine whether your hypothesis is true. If true, report your findings. If false or partly true, you can retry your experiment with a modified hypothesis.



Report your findings

Share your knowledge with others!

Scientific Method

Fill out the steps of the scientific method on the lines.

1. _____

2. _____

3. _____

4. _____

5. _____

6 _____

7. _____

8. _____