



Scientific Method

- experimenting
- hypothesis
- process scientists go by when experimenting or inventing
- hypothesis → designing + conducting
- analyzing data
- opinion
- get supplies (materials)
- test it out
- IDEA becomes theory or fact
- theory goes to fact
- questions lead to hypothesis
- questioning

Scientific Method -
the process scientists use
to design + conduct
experiments

- ① QUESTION - Ask a clear and testable question
- ② HYPOTHESIS - educated guess or prediction about how your experiment will turn out
- ③ Design + Conduct the experiment
- ④ RESULTS - raw data collected from the experiment (numbers, charts, etc)
- ⑤ Conclusion - analyze your data + compare your results to your hypothesis and tell what you learned

Question

Hypothesis

Experiment

Result

Conclusion