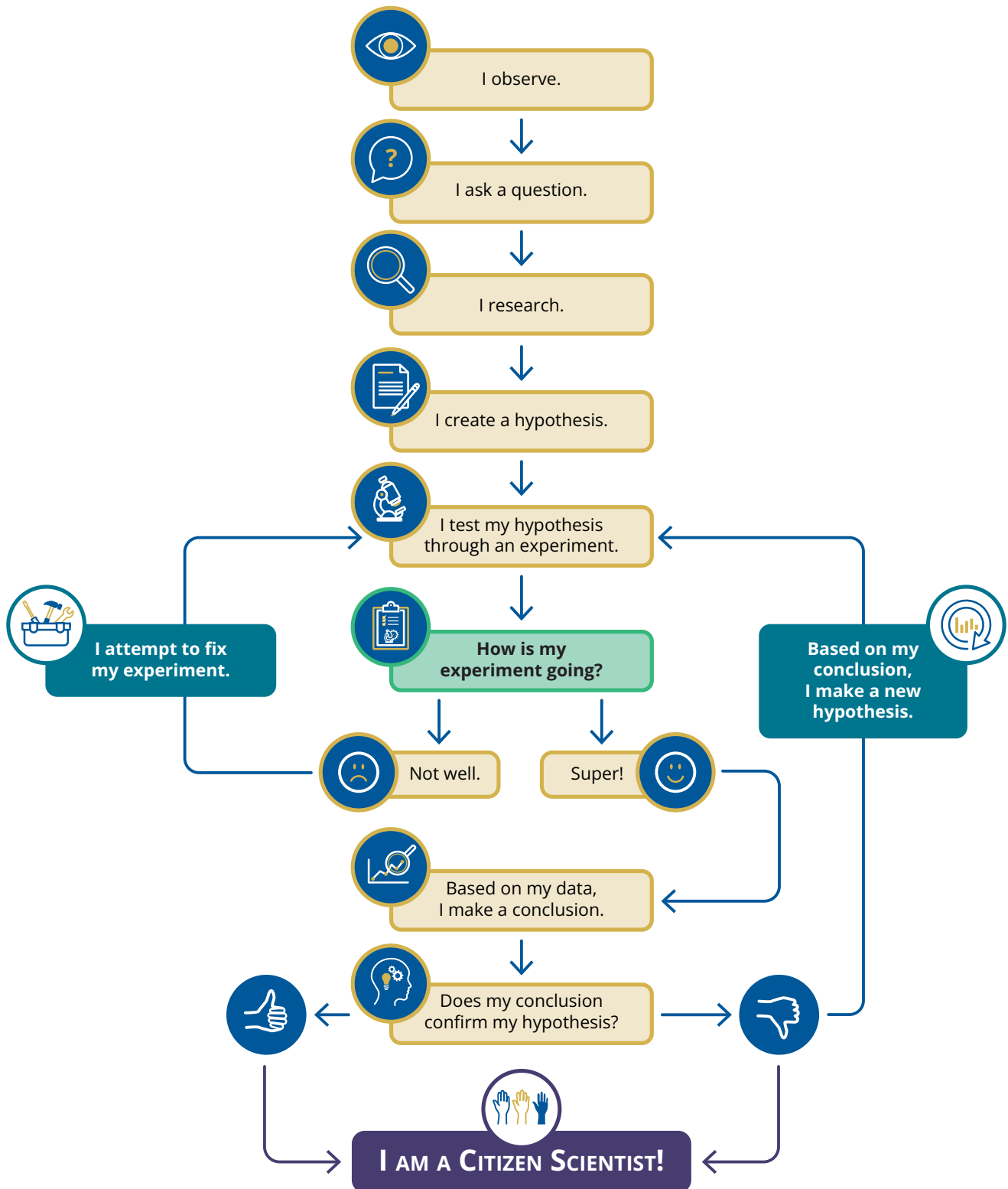




The Scientific Method

The scientific method is a series of steps that a scientist follows to analyze and answer a question about a specific observation. Become a citizen scientist now! Use this flowchart as your guide to perform an experiment to test your own hypothesis with scientific rigor.





The Laboratory Notebook

The laboratory notebook helps a scientist to organize thoughts and document how a hypothesis is investigated. Every step is important – not only to validate results and conclusions, but to give others a method to verify (or disprove) a conclusion. Use these templates to write up your own experiment.



Hypothesis:



Materials

Item	Quantity



Methods



Data collection

1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							



The Laboratory Notebook *(continued)*

The laboratory notebook helps a scientist to organize thoughts and document how a hypothesis is investigated. Every step is important – not only to validate results and conclusions, but to give others a method to verify (or disprove) a conclusion. Use these templates to write up your own experiment.



Graphs and charts



Results



Conclusion

[illegible]

Signed by: _____

Date: _____



Make Your Own Laboratory Notebook

For our junior scientists, create your own lab notebook! Print as many of these pages as you'd like, then stack them together and staple along the dotted lines.

My experiment:



Observation:



Question:



Hypothesis:



Test design:



Test results:



Conclusion:



Next steps needed:

or



My signature verifies my results: