



Science Virtual Learning

8th Grade Science

Scientific Method

May 21, 2020



8th Grade Science

Lesson: May 21, 2020

Objective/Learning Target:

I can list the steps of the scientific method.

Bellwork

For two minutes: do a Quick Write to brainstorm as many steps and words from the scientific method as possible.

See what you remember about the scientific method with this [Quizlet set](#).

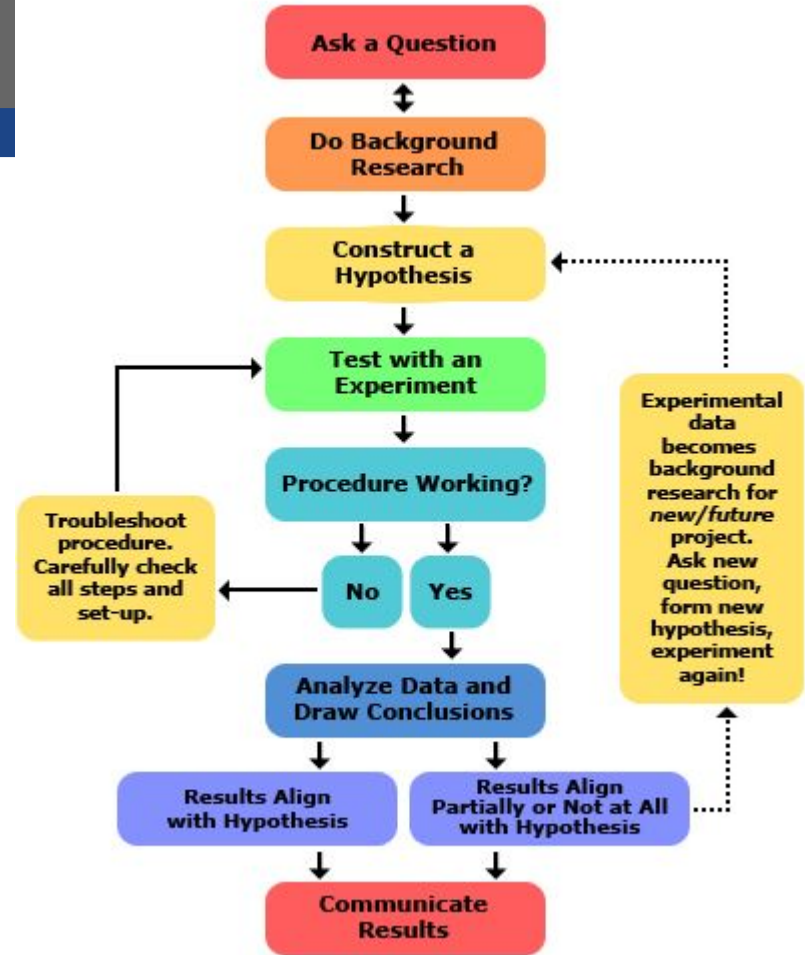


1. Read [this information](#) over the Scientific Method. Make this table on your own piece of paper and fill it in with the information from the article.

Step 1	Step 2	Step 3	Step 4	Step 5	Step 6
Summary of Step 1	Summary of Step 2	Summary of Step 3	Summary of Step 4	Summary of Step 5	Summary of Step 6

Here is an infographic to help you as you are conducting an experiment. Follow the arrows!

[Read this](#) as a reminder for the scientific method!





Today

Pick one of the following experimental questions to use for this activity:

Do wounds heal faster when they are covered by Band-Aids?

Are herbicides causing bee populations to decline?

Will crickets chirp more if the temperature is warmer?

For the question you choose, create a one pager that includes the following:

- Question
- Hypothesis
- Steps of Experiment
- Data that would be collected
- How you would analyze the data
- What type of conclusion you would likely be able to make at the end of the study.

Be sure to include:

- Color (if possible)
- 4-5 pictures



Review

1. Play this [quizizz](#) at least 2 times to review what you know over the scientific method.
2. Practice identifying independent variables, dependent variables, and constants with [this worksheet](#). **Answers** are on the second page.