

Lesson #12

Scientific Method #4

The fourth step of the scientific method is **Conducting an Experiment**. You should follow the steps of the experiment you have planned. Observe carefully and record your information accurately.



1. Write the fourth step of the scientific method.
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2. What is a hypothesis?

an experiment a logical guess an observation

3. What is it called when some animals go into a deep sleep for winter?

camouflage hibernation migration

4. What is the first stage of life for many plants?

root leaf seed

5. Which type of severe weather is shown?

tornado blizzard thunderstorm



6. What can happen when an area doesn't get enough rain?
 a flood a drought a sandstorm
7. Which of these is the first step of the scientific method?
 A) forming a hypothesis
 B) planning an experiment
 C) observing and asking questions
8. Which is **not** something that most plants need to live and grow?
 water air shelter nutrients

Look at the graphic organizer. Use it to answer the questions below.

	Shape	Color	Size
Peas	round	green	small
Popcorn	round	yellow	small
Grapes	round	green	large
Tomatoes	round	red	large

9. Which object is small, round, and yellow? _____
10. How does popcorn differ from peas?
 shape size color