

Writing Our Science Report

Week 16 — Friday | *Experiment Conclusions & What Comes Next*

Reading Time

You did it! You planned an experiment, took care of your plants, measured them, and made a graph. There is one last job for a scientist: writing a report. A science report tells other people what you did and what you learned.

A good report has four parts. First, the question — what did you want to find out? Ours was: "What do plants need to grow?" Second, the method — what did you do? We gave some plants water and light, and took those things away from others. Third, the results — what happened? We saw that plants without water or light did not grow well. Fourth, the conclusion — what did you learn? Plants need sunlight, water, and air to live and grow!

When scientists share reports, other scientists can learn from them — and even try the experiment themselves. Sharing what we learn is one of the most important parts of science.

Reading Questions

1. What does a science report do?

2. What are the four parts of a science report?

3. What question did our experiment try to answer?

4. Why do scientists share their reports with others?

My Mini Science Report

Fill in your very own science report about our plant experiment!

Title of my experiment:

1. My question: What do plants need to _____?

2. What I did (method):

3. What happened (results):

4. What I learned (conclusion): Plants need _____, _____, and _____ to grow.

What Do Plants Need? — Check Your Learning

Plant need	What happens without it?
Water	
Sunlight	
Air	

True or False — Circle Your Answer

- ☐ 1. A science report shares what you did and learned.
- ☐ 2. Plants can grow just fine without sunlight.
- ☐ 3. Our conclusion came from evidence we observed.
- ☐ 4. Plants need water, sunlight, and air to grow.
- ☐ 5. The results tell what happened in the experiment.

Design Challenge: The Perfect Plant Home

Using everything you learned, draw the PERFECT place for a plant to grow. Show where the sunlight, water, and air come from. Label all three!



Coming Next Quarter: Habitats!

Sneak peek: A habitat is the home where a plant or animal lives. A desert, a forest, and a pond are all habitats. Just like our plants needed water and light, every living thing needs the right habitat to survive. Next quarter we will explore forests, deserts, oceans, and more!

Think about it: What animal would you like to learn about? Where does it live?

Science Journal

What was your favorite part of being a plant scientist these past weeks? What was the hardest part?

Week 16 Review

Can you...	Yes!	Almost
Say what a conclusion is?		
Read a bar graph?		
Name three things plants need?		
Write a mini science report?		