



HOMESCHOOL SCIENCE EXPERIMENT

GROWING A BEAN PLANT IN A PLASTIC BAG ON A WINDOW

Name: _____

Date Started: _____

Date Finished: _____



QUESTION

How does a bean seed grow into a plant when given water, light, and warmth?



MATERIALS

- 1 dry bean seed (pinto, black, or lima)
- 1 resealable plastic bag (zip-top)
- Paper towel
- Water
- Tape
- Marker
- Sunny window



PROCEDURE

1. Fold a paper towel and dampen it with water.
2. Place the bean seed between the paper towel and the inside of the plastic bag.
3. Seal the bag.
4. Use the marker to write the date on the bag.
5. Tape the bag to a window where it will get sunlight.
6. Check the bag each day. Keep the paper towel damp but not soaking wet.
7. Observe and record what happens.



WHAT A PLANT NEEDS TO GROW



Water



Light



Warmth



Nutrients
(later)



OBSERVATIONS

Draw a picture and write what you see each day.

DAY	DATE	DRAWING (Sketch what you see)	WHAT I OBSERVE (Write about changes)
1			
2			
3			
4			
5			
6			
7			



THINK ABOUT IT

1. What was the first thing that happened?
2. What changes happened over time?
3. What do you think the plant will need next as it continues to grow?

WHAT I LEARNED

Write 2–3 sentences about what you learned from this experiment.
