



Name \_\_\_\_\_

## Essential Question

# How Does a Bean Plant Grow?

### Materials

pencil  
soil in cup  
beans  
water

### EXPLORE

You can grow your own bean plant! Observe how the plant changes as it grows.

## Before You Begin—Preview the Steps

- 1 Use the pencil to make holes in the soil. Place a bean in each hole. Cover the beans with soil.
- 2 Water the soil. Place the cup in a warm, sunny place.
- 3 Observe the cup each day for two weeks. Water the soil when it is dry.



## Set a Purpose

Explain what you will learn from this activity.

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## Think About the Procedure

1. Why must you give the plant water and sunlight?

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2. Compare the way that your bean plant grew with the way that a classmate's bean plant grew. What was the same?

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Name \_\_\_\_\_

## Record Your Data

Write and draw to record your observations in this chart.

| Date | Observations |
|------|--------------|
|      |              |
|      |              |
|      |              |
|      |              |
|      |              |
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## Claims • Evidence • Reasoning

1. Write a claim about how a bean plant changes during its life cycle.

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2. What evidence supports your claim?

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3. Why does your evidence support your claim?

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## Ask More Questions

What other questions can you ask about how plants grow?

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