

Growing Greens

Procedure

- 1. Observe** Work with a partner. Use a hand lens to look closely at a pea seed. Draw the pea seed and record your observations in the chart below. **Safety:** Wear goggles.

Seed Growth	Drawing	Observation
Day 1		
Day 2		
Day 3		
Day 4		
Day 5		

- 2. Measure** Place a 2-cm layer of gravel in the bottom of a cup. Use a ruler to help you measure. Then fill the cup with soil.
- 3. Experiment** Use a pencil to make a small hole in the soil. Place the pea seed in the hole and cover it with soil. Add a few spoonfuls of water. Place the cup near a sunny window.

4. Observe After a few days, measure the plant and observe it with a hand lens. Add water if the soil is dry. Record your observations and measurements in your chart.

5. Observe Repeat step 4 each day for the next four days.

Conclusion

Write the answers to the questions below.

1. Compare Exchange charts with a partner. How are your observations similar?

2. Predict You have seen two stages in a plant's life cycle. What stage will you see next if your plant keeps growing?

Investigate More!

Design an Experiment Observe the inside of a tomato. Based on your observation, infer how a tomato plant grows. Design an experiment to test your idea.