

Straight Up or Sideways

Procedure

1. Use the chart below to record your observations.

Day	Sketch	Observations
Day 1		
Day 2		
Day 3		
Day 4		
Day 5		
Day 6		

- 2. Collaborate** Work with a partner. Each partner has a bean seedling in a cup. Both should be placed on a plastic tray. Add water, a spoonful at a time, to your bean seedling until the soil is damp.
- 3. Experiment** Lay your cup on its side. Your partner's cup should remain upright. Place the tray in a sunny location.
- 4. Record Data** Make a drawing of your seedlings in your chart. Record any other observations about your seedlings.
- 5.** Repeat step 4 each day for five days.

Conclusion

Write the answers to the questions below.

- 1. Communicate** Compare your sketches and observations with those of your partner. How was the growth of the two plants similar? How was it different? Then compare your results with those of other teams.

- 2. Infer** Based on your observations and comparisons, how do plants react when turned on their side?

Investigate More!

Design an Experiment How would plants react if sunlight reached them from the side instead of from above? Choose the materials you will need. Then write the steps you would follow.

