

# Sprouting Seeds



Grade Levels:  
K-3

Question:  
How much sun does a seed need to sprout?

Possible Hypotheses:

- A seed needs to have sun all day to sprout.
- A seed needs just a little sun to sprout.
- A seed doesn't need the sun to sprout.

Materials:

- Three potting containers with potting soil
- Packet of pea or bean seeds
- Water
- Brown paper bags

Procedure:

1. Plant three seeds in each potting container.
2. Give all pots the same amount of water.
3. Place one pot in a sunny place all day every day for two weeks.
4. Place one pot in a sunny place for an hour a day for two weeks. Cover the pot with a paper bag the rest of the time.
5. Cover one pot with a paper bag all of the time for two weeks.
6. Observe the sprouting seeds.

Analysis and Conclusion:

Which seeds sprouted and grew the best? What did you learn about a seed's need for sun?

