

Plant Growth

Name: _____

Date: _____

How Do Flowering Plants Propagate?



Discover: Do Seeds Contain a Baby Plant?

Question

What are the parts of a **seed**?

How does a **seed** turn into a plant when you plant it into the ground? What is **germination**? What does the inside of a **seed** look like? What is an **embryo**? You will be able to answer these questions after you do this activity.

Before you begin, watch the **Sock Seeds** video.

Resources

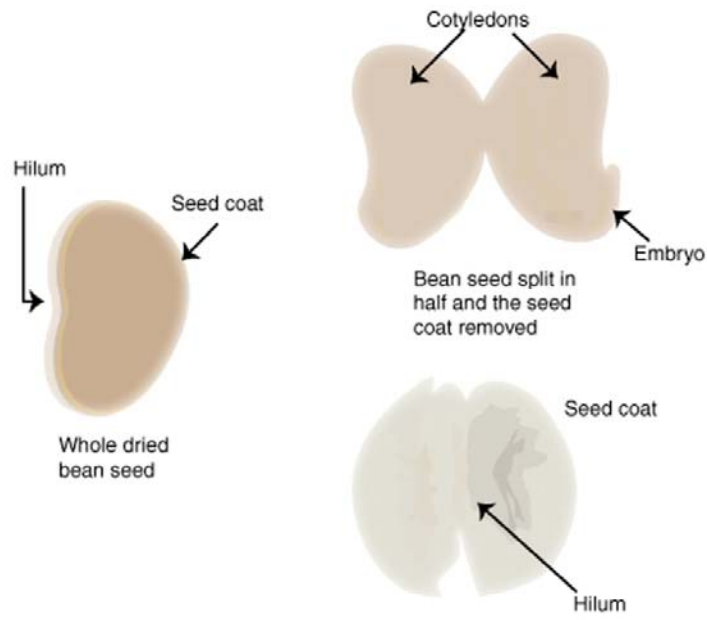
Access the website links from the online course.

- bean seeds (Any type of bean seed, such as lima beans, will work.)
- container for soaking
- water
- magnifying glass
- paper towels
- Sock Seeds video (website)

Instructions

- 1 Place two or three bean **seeds** in the container for soaking. Add enough water to cover the seeds. Cover with paper towels. Leave the seeds for one to two days.
- 2 Read the **Parts of a Seed Chart** located below. In the first column of the chart, draw what you think the inside of the **seed** will look like.
- 3 Take out one **seed** that has started to sprout. Remove the seed coat and separate the two halves inside. Draw a sketch of what you see.
- 4 Look at the following diagram of the inside of the **seed** to see if yours matches. Label the two main parts on your sketch.

Inside of a Seed Diagram



Parts of a Seed Chart

Attach images in the spaces provided.

This is what I think the inside of the seed will look like:	This is what I see: