

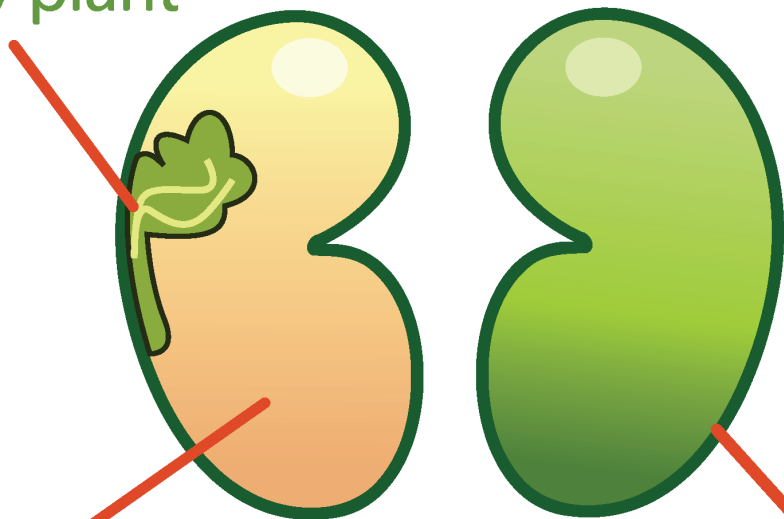
Parts of a Seed



1

A seed is like an egg. It is where a baby plant starts its life. Seeds are found in flowers and fruit. They come in many shapes and sizes. When a fruit falls to the ground, its seeds drop into the soil. Rain helps by pushing the seeds all the way into the soil. Once a seed is in the soil, the baby plant will burst out of its outer seed coat and begin to grow!

baby plant



food

seed coat

Plants grow from seeds. Inside each seed is an *embryo*, or baby plant. The embryo is surrounded by a food storage area. All seeds have a protective outer layer called the *seed coat*, just like an eggshell! Once the baby seed grows out of its coat, it's called a *seedling*. Then the baby seed grows roots to get minerals and water from the soil. As its stems grow, it also sprouts leaves, which will allow it to make its own food from sunlight. The adult plant will grow out flowers and fruits to spread more seeds and start the plant life cycle again.

Ready to test your knowledge? Go to part 2 for a short quiz.

Parts of a Seed



2

Use part 1 to answer the questions. Circle **all** correct answers.

1. Where do plant seeds come from?

- a. stem b. leaves c. fruit d. flowers e. roots

2. What is another name for the baby plant inside the seed?

- a. seed coat b. embryo c. food storage

3. What is the name of the protective layer of the seed?

- a. stem b. leaves c. seed coat d. food storage

4. What do the seed's roots absorb from the soil?

- a. water b. minerals c. sun rays d. dirt

5. What is a baby plant called when it grows out of its coat?

- a. plant b. baby seed c. seedling d. stem

6. What do the leaves of the plant make?

- a. water b. air c. food d. sunlight

7. What do adult plants grow to continue the plant life cycle?

- a. stem b. leaves c. flowers d. fruit

8. What is a seed most like?

- a. an egg b. a baby c. a tree d. an apple