

SCIENCE

The Role of Seeds

Name: _____ Date: _____

Directions:

Answer the questions about seeds and the life cycle of plants.

I. Draw pictures in the boxes below.



In this box, draw the three parts of a seed. Label the parts: seed coat, embryo, and stored food.

In this box, draw a picture of a plant with roots. Label the leaves, roots, and stem.

Parts of a Seed

Plant with Roots

2. Seeds have many different shapes, colors, and sizes. What seeds can you find where you live? Glue or draw a picture of the seeds you find in the box below.



3. Grow your own seeds.

Here's what you need:

- lettuce seeds (or similar)
- cardboard egg cartons
- scissors
- potting soil
- water



Steps:

- Cut the lid off of the egg carton. Poke holes in each egg section. Fill each section with soil.
- Place seeds of choice in each section.
- Place the carton inside its lid.
- Water each section lightly. The lid will catch the excess draining water.
- Place the carton in warm, indirect sunlight.
- Paste a photo or draw your egg carton and seeds in the box below.

Don't forget to water your plants when the soil is dry.

Once the seedlings are big enough to plant, you can plant the whole carton. The cardboard will break down and become part of the soil!