



Seed Sprouting

Grade level: Preschool

Season: Spring

Larger IGS Unit: Seeds

Essential Question

What are seeds? How do seeds grow?

Objective

Students place different seeds between paper towels, predict how long they will take to sprout, and observe the root and shoot.

Materials

Plastic bags

Paper towels

Marker

Different seeds (e.g., bean, pea, sunflower, pumpkin, corn)

Chart to track sprouting

Intro

Show students the seeds and ask them to identify them. Explain that we will try to sprout them. How long will they take to grow? What do we need to give them to grow? When they start to grow, what will happen to them?

Activity

Spray paper towels with water until they are moist, but not wet. Place a few seeds in a row on the paper towel, gently roll it up and place it in the bag. Have students label the bag with the name of the seed.

Ask them to make predictions about how long they will take to sprout. Write these on their chart.

Wrap up/Assessment

Have students make and record observations about whether the seeds have sprouted or not.



Extension

Dissect sprouts and identify plant parts.