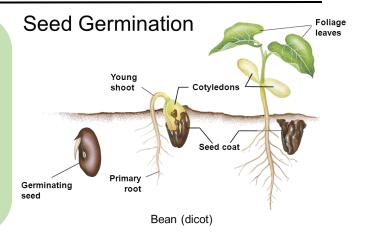
Testing Seeds for Germination

Objective:

Students will learn how to test seeds for germination and viability to produce a plant.

Definition:

Germinate: (*verb*) to cause to sprout or develop



Activity:

This activity can be completed individually or in a small group. Obtain 10 seeds to test. Place the 10 seeds at one end of a paper towel and roll the paper towel as illustrated in Figure 1. Hold the towel closed with a rubber band. Make sure the rubber band is below the seeds.

Run 2 inches of water in a container and stand the paper towel in the container with the seeds up as illustrated in Figure 2. Be sure the seeds are well above the water.

Place the container in a warm place for one week. Unroll the paper towel and count the number of seeds that have germinated. Complete the record sheet to determine the percent of seeds that germinated.

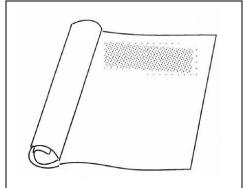


Figure 1: Place seeds at one end of the paper towel and roll up.

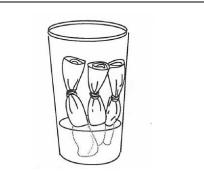


Figure 2: Stand rolled towels in 2 inches of water with seed at the top.

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Germination Record Sheet

nating X 100 = percent germination sed
X 100 =%
the less of a chance that the seed will germinate to ed with a lower germination rate, increase seeding to er probability of plant production.
en if the paper towel dried out?

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