Garden in a Baggie

Materials: zip baggie, any type of vegetable seeds, paper towel/napkin, water, tape

Background Information: Each seed contains a baby plant that will start to grow under the right conditions. All a seed needs to begin growing is warmth and water. The first stage in seed growth is called germination, which is when the tiny root emerges from the outer seed covering. Once the seed starts sprouting, it needs soil, room for the roots to grow, sunlight and water.

STEM Career Connection: A farmer plants seeds to grow crops that feed livestock and humans. Horticulturists specialize in plants such as studying crop varieties for vegetable gardens.

Literature Connections: From Seed to Plant by Gail Gibbons, A Seed Is Sleepy: by Dianna Aston and Sylvia Long, Plant the Tiny Seed by Christie Matheson

Challenge:
1. Gather materials.
2. Dampen a paper towel, fold it, and place it in the bottom of the bag.
3. Place the seeds along one side of the bag, pressing them against the paper towel.
4. Seal the bag tightly, and hang in a window using tape or place in a sunny spot.
5. Make sure you can see the seeds.
6. Keep the bag in the sun. After 5-7 days, notice what happens to the seeds.