**Unit 1 Environmental Sustainability, Lesson 2**

**Grade Level:  Kindergarten**

**Focus:  What do seeds need to grow?**

**Time:  20 minutes**

**Prep:** Determine with teacher what they would like to grow. Lettuces grow quickly and are a good plant to start with. Have seeds, trowels, gloves, and water in a watering can ready.

**Warm Up:** in classroom whole group (5 min)

Sitting in a circle or on a meeting rug.

“What do you need to grow?”  Whip Around circle.  Each student can share one idea.  They may repeat an idea.

“What does a plant need to grow?” Think time - think of 2 ideas. Turn to your elbow partner and each share one idea.

“Today we are going to go out in the garden and see what our plants have in the garden that will help them grow. Then we are going to plant a seed.”

Take first group out to the garden.

**Lesson:** 15 minutes

1. Walk with students around the garden pointing out what they see that a plant needs to grow.
2. Stop at the Kindergarten garden bed and make observations.
3. Talk about making a place for our seed.  “We are going to use this tool (hold up trowel) to dig a little place for our seed.” Demonstrate.
4. Pass out a trowel for each student.  Show them a spot to plant.  Allow each to make a little hole.
5. Read directions from the seed packet then give each student the appropriate amount of seeds.
6. “Put your seed(s) in the hole you made like this then cover them up.” Demonstrate.
7. Let students plant their seeds.
8. “What else will a seed need to grow?”  They will come up with water. “Ok. Let’s give our seed some water.”  Demonstrate and then let students water their seed.
9. Collect tools and gloves if used.

**Debrief:** 5 min

“What does our seed have that it needs to grow? What we need to do to take care of our seed? How is a seed like us? (Compare and contrast)

Return to class and get next group.