Seeds: Living/Nonliving

Grade Level: K
Season: Winter
Larger IGS Unit: Seeds

Essential Question: What do living things need to survive and grow?

Objective: Students will be able to determine if an object we use in the garden is living or nonliving and why.

Materials:
- A variety of seeds
- A variety of fruits and vegetables
- Bowls of soil
- Bottles of water
- A picture of the sun
- Trays labeled “living” and “nonliving”

Introduction: Review what students know about living things.
- How do you know if something is living or nonliving?
- Make a list on the board of the characteristics of living things. (They grow/change, reproduce, move, need food, air and water).
- Next, ask students to list living and nonliving things.

Activity: Each table has a collection of items (seeds, soil, water, vegetables). They also have two trays: one labeled “living” and one labeled “nonliving”.
- Taking turns, the students have to each put an item onto one of the trays, according to where they think that item belongs.
- When all the items have been put onto a tray, students come back together in the circle.

Wrap up/ Assessment:
- Bring one of each tray to show the students, and go through each item together.
- End with a discussion around seeds, and how they are living.
- What are the things that the seed needs to grow into one of these vegetables?
- Soil, air, water, and sunlight.

Extensions:
- Planting experiment (see lesson plan)