



GRADE 1

Farm to School Lesson Plan

Topic: Native Plants—Seeds (suggested month: **November**)

Monthly Essential Question: How do seeds travel?

Content Areas Addressed: Ecology/Environment, Science

Standards Addressed:

- Participate in collaborative conversations with diverse partners about *grade 1 topics and texts* with peers and adults in small and larger groups. (CCSS.ELA-LITERACY.SL.1.1a, c)
- Ask and answer questions about key details in a text read aloud or information presented orally or through other media. (CCSS.ELA-LITERACY.SL.1.2)
- Ask and answer questions about what a speaker says in order to gather additional information or clarify something that is not understood. (CCSS.ELA-LITERACY.SL.1.3)
- Retell stories, including key details, and demonstrate understanding of their central message or lesson. (CCSS.ELA-LITERACY.RL.1.2)

Key Terms: Seeds

Materials Needed:

Native Plants PowerPoint
Coloring utensils

Blank paper or worksheet
Sampling food and supplies

Introduction: (5 min) *Introduce essential question—How do seeds travel? “Have you ever wondered how plants can grow on their own? Does someone plant the seeds that grow the plants in forests?” Ask a few students to share their initial thoughts. “They plant themselves after they are released from the flower or fruit. I want three students to share a way that people can travel. (car, plane, bus, bike, boat, etc.). Seeds do not usually travel the same way that humans do, but they do have just as many ways. Today we are going to explore some of the ways that seeds travel so that they can grow new plants far away from the original plant.”

Development: (20 min) Watch “The Tiny Seed” video. “The video talked about the wind carrying the seeds. Can you think of other ways seeds can travel? (animals, water, wind, insects). How can humans help seeds travel? We can do this by having them stick to our cars, or we can buy the seeds at the store and plant them where we want them to grow. Seeds are an important part of the plant because it is what makes the plant grow.” Instruct students to take out blank paper and coloring utensils. “We are going to draw the life of a seed, let’s go through an example first.” Go through the ‘How do Seeds Travel’ example. “Now, everyone can pick what plant they want to draw. Start out with a picture of your plant. Using the information from the video and what we discussed together, draw how the seeds travel. Finish up with where the seeds lands and starts growing a new plant.” Give the students about five minutes to draw their pictures. Have 3-4 students share their drawings.

Sampling & Closure: (5 min) Conduct local fruit or veggie tasting. Instruct each student to take a ‘polite bite’ (eat at least one bite and only say polite things). *Review essential question—How do seeds travel? “Seeds are an important part of plant growth. If the seeds cannot travel and plant themselves, then plants would not continue to grow. On your way home I want you to see if you can see any seeds floating through the air like in the video. Then when you are eating dinner, see if you can spot any seeds in your foods.”



How Do Seeds Travel?

Follow the steps to draw the life of seed.

First draw your favorite plant.

Next draw how the seed travels.

Finally draw where the seed lands.