



KINDERGARTEN

Farm to School Lesson Plan

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

Monthly Essential

Question: How can we tell seeds apart?

Content Areas Addressed: Ecology/Environment, Agriculture, Science

Standards Addressed:

- With prompting and support, ask and answer questions about key details in a text. (CCSS.ELA-LITERACY.RL.K.1)
- With prompting and support, retell familiar stories, including key details. (CCSS.ELA-LITERACY.RL.K.2)
- With prompting and support, identify characters, settings, and major events in a story. (CCSS.ELA-LITERACY.RL.K.3)
- Add drawings or other visual displays to descriptions as desired to provide additional detail. (CCSS.ELA-LITERACY.SL.K.5)

Key Terms: Seeds **Materials Needed:** Native Plants PowerPoint “Garden”– coloring page
Crayons/colored pencils/markers
Sampling food and supplies

Introduction: (5 min) *Introduce the essential question—How can we tell seeds apart? Ask students to share their initial thoughts with the class and record answers. “Seeds are unique to the plants they come from. Today we are going to be discussing three ways to tell seeds apart.”

Development: (20 min) “Let’s watch a video about sorting seeds.” Have a few students share their favorite part of the video and why with the class. “How do you think we could figure out what this seed is?” Ask a few students to give answers. “There are three easy ways we can sort seeds. Seeds can be sorted by shape. They can be flat (2 dimensional) like pumpkin or watermelon seeds. Or they can be solid (3 dimensional) like corn or peas! Seeds can also be sorted by size. Some are tiny like carrot seeds, and some are very big like the seed on the inside of a peach. “The third way we can sort seeds is by color. Some seeds are dark brown, like apple seeds. Some are bright white, like cucumber seeds!” Pass out the “Garden” coloring page and ask students to color it in. “Draw three different seeds at the bottom of your paper. Different looking seeds will give us different looking plants. Each special little seed grows up to be its own unique plant.”

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). *Revisit the essential question—How can we tell seeds apart? At first glance seeds might all look the same to us, but they are actually very special and grow up to be different plants.”

Adapted from: www.educationoutside.org

Garden

