

Seeds: Collecting, Sorting and Classifying

First Grade Science Curriculum

Objective:

Students will be introduced to the concept of scientific inquiry and discovery – Making observations and asking questions. Students will be able to identify a variety of different seeds, note different characteristics of individual seeds, and sort and classify them in a variety of categories.

Materials:

Various seeds in different shapes, textures and sizes
Paper plates for sorting
Small plastic bags for collecting seeds
Square white paper for origami seed packets

Procedure:

5 min classroom intro

Brief discussion about what it means to be a scientist: making observations and asking questions. Go over rules in the garden.

10 min garden tour

Give students a brief tour of the different garden beds, letting them make observations, pointing out seeds forming.

15 min read story

Then we will sit in the Butterfly Garden courtyard, and Sandy will read the book, A Seed is Sleepy.

10 min

We will break into two groups. One group will do seed collection in the garden beds and origami seed packets, and one group will sit at the picnic benches sorting and classifying a variety of different seeds we will supply.

Group 1 (sorting/classifying)

Group 2 (collecting seeds/origami packets)

10 min tomato seed eating!

We will gather the groups together to examine the seeds of a cherry tomato. And eat them!

Kids will bite tomato in half then scoop seeds with their finger to see how many/how slimy then eat. We can do this beside compost in case any kids spit out or don't like (we will point out the tomatoes sprouting in the compost)

Seed Sorting and Classifying Worksheet

Sorting Seeds: How many? Characteristics: Shapes, colors, texture, size

Name of seed

I estimate _____ I counted _____

Characteristics of seeds:

Name of seed

I estimate _____ I counted _____

Characteristics of seeds:

Name of seed

I estimate _____ I counted _____

Characteristics of seeds:
