

# SEED LIFECYCLES

**Focus Lesson: Seed Lifecycles**

**Materials:**

*Seed Soil Sun* by Cris Peterson  
 Paper  
 Markers

**Time: 30-35 minutes**

**\*Common Core Standards:**

**[CCSS.ELA-LITERACY.SL.2.4](#)**

Tell a story or recount an experience with appropriate facts and relevant, descriptive details, speaking audibly in coherent sentences.

**[CCSS.ELA-LITERACY.SL.2.5](#)**

Create audio recordings of stories or poems; add drawings or other visual displays to stories or recounts of experiences when appropriate to clarify ideas, thoughts, and feelings.

**Thinking Skill: Compare and Contrast, Outline**

**Objective:**

Students will compare and contrast different seeds and different fruits.  
 Students will define seeds and fruits.  
 Students will outline the lifecycles of both corn and apples.

**Connection:**

Our food comes in all shapes and sizes and from different places of the earth. We eat flowers, seeds, fruits, stems, roots, and leaves. All of these parts of our food are produced through a plant's lifecycle.

**Explicit Instruction:**

Fruits and vegetables start with seeds. Seeds are planted in the ground and with water, soil, and sunlight they grow into mature plants. Although fruits and vegetables start out as seeds, they do not develop, or grow, in exactly the same progression. In fact, seeds are not the same. They have different shapes, sizes, colors, and textures.

**Guided Practice:**

Read *Seed Soil Sun* by Cris Peterson. Talk about the lifecycle of foods. Focus on corn kernels and apple seeds.

Talk with students about the processes that occur for seeds to grow into mature plants.

**Independent Practice:**

Divide class into four groups. Provide supplemental literature on plant lifecycles for groups to browse. Assign two groups to the apple seed lifecycle and two groups to the corn kernel lifecycle.

Have students draw the lifecycle on poster board.

Without speaking, each group will use their bodies to relay to the class the lifecycle of their assigned corn or apple seed.

**Reflection – Group Share:**

Share presentations with class and then discuss the missing steps in a kernel's lifecycle:

- How does it get into my popcorn bag?
- How does corn get into my soda can?
- How do apples become juice?

Challenge students to continue the lifecycle investigations!

Investigate what happens to the plant on its way to the grocery shelf.

**Reading list:**

*Seed Soil Sun* by Cris Peterson

**Teacher Note:**