

From Seed to Apple Tree

Grade Level: Pre-K - 2

Content Areas: Music, Art, Life Science, Technology, and Language Arts

Time Frame: 70 minutes

MATERIALS

[From Seed to Apple Tree](#) book

9" x 12" red construction paper, one per child cut into two 6" x 9" pieces.

9" x 12" white construction paper, two sheets per child cut into two 6" x 9" pieces.

Stapler, pencils and glue

Yellow and green tissue paper cut in one-inch squares

OBJECTIVES

Students will:

- Sequence the stages in the life cycle of an apple tree.
- State two ways that trees have an impact on the environment.

VOCABULARY:

Key vocabulary

Before reading, focus on vocabulary. Read the glossary words and their definitions.

Life Cycle - A series of changes that a tree goes through, from seed to growing into a full-grown tree

Mature- Fully grown

Matures - To grow

Pollen - Particles that trees need to bear fruit

Roots - The parts of the tree that grow down into the ground; roots support the tree, and they also get water and nutrients from the ground.

Sapling - A young tree

FREE SONG

[Click here](#) to download or stream the From Seed to Apple Tree song.

Find other Cantata Learning songs and books at <http://www.cantatalearning.com>.



PROCEDURES/ACTIVITIES

Preparation:

Start by asking students what they know about where apples come from. Read aloud and sing along to [From Seed to Apple Tree](#).

Hold a class discussion about apple trees and their life cycles. Draw a sketch of the life cycle of the apple tree as the students direct you. Talk about how it looks in different seasons.

Lesson Procedure:

1. Once students understand the life cycle of an apple tree ask students more about apple trees. Such as what do apple trees need to grow and be healthy? What is our responsibility to trees? How do other trees help us?
2. Ask each student to name two ways that trees have an impact on our environment.
3. Tell the students that they will be making a book about the life cycle of the apple tree. Hand out the four half sheets of white construction paper (6" x 9") to each student.
4. Have students first draw the life cycle of an apple tree. The first page should be a seed is planted. The second page should be a tree sprouting and growing. The third page should be the leaves and flowers growing on the tree. The fourth page should be the tree bears apples to eat.
5. Have older students go back and write one or two sentences about the stages or the life cycle.
6. Staple the pages between two sheets of red construction paper (6" x 9") to create a book.
7. Have students draw an apple shape on the front cover of the book. Have students then cover the apple with glue and put crumpled tissue papers on the glue to create a raised apple shape on the cover.
8. Demonstrate how to crumple one tissue-paper square at a time into a tiny ball. Affix the crumpled tissue squares closely together inside the apple outline. Students will proceed in this manner until the area inside their own apple drawings is covered.
9. Lay aside to let covers dry completely.
10. Have students share their books.

Language Extension:

As an extension to the book they will create, have students take on the role of the apple seed. They can also write the stages within the pages of the book from the apples point of view.

This will also tie in the topic of point of view, which is a wonderful concept to teach young children within their writing and reading.

Technology Extension:

Students will be creating poetry about apples using the Read Write Think tool [Theme Poems](#).

They can choose to write words about apples or another shape that is included in Theme Poems.



Standards:

Common Core

Kindergarten: CCSS.ELA-LITERACY.RL.K.7, CCSS.ELA-LITERACY.RF.K.4, CCSS.ELA-LITERACY.W.K.2, CCSS.ELA-LITERACY.SL.K.1

First Grade: CCSS.ELA-LITERACY.RL.1.7, CCSS.ELA-LITERACY.RF.1.1, CCSS.ELA-LITERACY.RF.1.4, CCSS.ELA-LITERACY.W.1.1, CCSS.ELA-LITERACY.SL.1.1, CCSS.ELA-LITERACY.SL.1.5, CCSS.ELA-LITERACY.L.1.4

Second Grade: CCSS.ELA-LITERACY.RL.2.1, CCSS.ELA-LITERACY.RL.2.7, CCSS.ELA-LITERACY.RF.2.4, CCSS.ELA-LITERACY.W.2.2, CCSS.ELA-LITERACY.W.2.5, CCSS.ELA-LITERACY.SL.2.1, CCSS.ELA-LITERACY.L.2.4

Next Generation Science Standards

K-2 - 2-LS2-2 Ecosystems: Interactions, Energy, and Dynamics - Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.

Art Extension:

They can also create the illustrations in the book by making apple prints with apples. All you need are apples, knife (that adults will use to cut the apples), paint and a roller. You can cut the apples in different ways to show the seeds as a star shape or the shape of the apple.



Music and PE Extension:

For a music and PE extension, have the students take on the role of the seed growing into an apple tree with their bodies through movement. This is a great exercise to tie into a yoga unit or lesson as well.