**Lesson Title:** The Life Cycle of an Apple Tree

**Grade:** 2nd Grade

**Objectives:**  The students will understand the life cycle of an apple tree through various hands on experiments.

**Standards:**

* **2.3.1** Observe closely over a period of time and then record in pictures and words the changes in plants and animals throughout their live cycles-including details of their body plan, structure and timing of growth, reproduction and death.
* **2.3.2** Compare and contrast details of body plans and structures within the life cycles of plants and animals.

**Materials/preparation:**

Life cycle of an Apple Tree Video from Discovery Education (1:52 long)

Life cycle of Trees Lesson Plan

How Do Apples Grow? By Betsy Maestro

The Seasons of Arnold’s Apple Tree by Gail Gibbons

**Sequence of activities/procedures:**

Introduce the Life Cycle of an Apple Tree with the Video

Red and white construction paper

Stapler, pencils, and glue

Yellow and green tissue paper cut in one-inch squares

Apple shapes pattern

Handout: Life Cycle of an Apple Tree

Assessment/Closure:

* Students will demonstrate understanding of the importance of trees to the environment by participating in class discussion
* Monitor student understanding of the life cycle of a tree as they write or sequence the pages of their books.

**Considerations:**