**Lesson Title:** Let’s Start Growing

**Grade:\_4th\_**

**Objectives:**

-Students will understand the growing requirements of a tree.

-Students will begin to grow a tree from a seed.

**Standards:**

4.2.5 Describe methods that humans currently use to extend the use of natural resources.

4.3.3 Design investigations to explore how organisms meet some of their needs by responding to stimuli from their environments.

MA.4.M.2 Know relative sizes of measurement units within one system of units. (cm)

**Materials/preparation:**

Tree Seeds Science Journals Pencils Rulers

2 liter bottles Masking Tape Markers Paper Cup

Potting Soil Large butter dish

**Sequence of activities/procedures:**

Learning activity:

Pass out materials to create the growing box. Students will plant their seeds.

Learning activity 2-10 (Weekly):

Set up observation and process sheet. Students will record water given, and observations of plant growth. Students will begin measuring to the nearest centimeter.

**Assessment/Closure:**

Drawing conclusions on the growth charts created by students.

**Considerations:**

A longer process involving observations and constant collection of measurements.