



UNITED TRIBES
TECHNICAL COLLEGE
LAND GRANT EXTENSION

TITLE: PLANT A SEED

OBJECTIVES: Students will be able to: identify where seeds come from and how they grow; determine what plants need to survive; recognize how plants are a benefit to people and our planet.

MATERIALS:

- various seeds of different types
- clear plastic cups
- potting soil
- water
- permanent markers

PROCEDURES:

1. Explain to the students that they will be planting their very own seeds in cups.
2. Distribute various seeds for students to examine.
3. *Using the Talking Points as a guide*, ask the students the questions and engage them in discussion.
4. Give each student a plastic cup and have them write their names on them with the permanent markers.
5. Portion each student enough potting soil to fill the cups half way.
6. They will then stick their fingers into the center of the soil to create a “home” for the seed. (to the top of the first section of their finger is of ample depth)
7. They will then place a few seeds of their choosing into the cup.
8. Students will then water their seeds, take them home, and watch them grow!

TEACHING POINTS:

- **What is a seed?**
Look inside a seed. "You wear a coat to keep you from the cold. Seeds from flowering plants have seed coats to protect them."
- **Seeds come in all shapes and sizes.**
Most plants come from seeds. Display seeds that come from all kinds of plants: acorns, poppies, carrots, lettuce, rice, watermelon, nuts, etc.

Some seeds grow from other plant parts (tubers). Onions makes parts that turn unto bulbs and new plants. The bulbs are the part we eat. Show the children some of the foods that we eat that are bulbs. (Potatoes, onions, etc.)

- **How do seeds travel?**

The wind, animals (bury and or deposit seeds by their droppings) are just some of the ways seeds travel.

- **What do seeds need to grow?**

Lead a discussion by starting with 'what do children need to grow?' Then, ask the students what they think plants might need.

- **How do plants benefit people and our planet?**

APPROXIMATE TIME FOR PROCEDURE: 25 MINUTES



Photo courtesy of: <http://mrsm-adventuresplay.blogspot.com/2011/04/sunflower-race.html>