



NOTES

Food for America - Demonstration Plan

Unit: Production Agriculture

Demonstration: Simulation Farm (30 minutes)

Objective(s):

1. Students will be able to properly plant seeds in a seed tray.
2. Students will be able to verbalize that agriculture includes food, fiber, and natural resources.

Materials, Supplies, Equipment, References, and Other Resources:

- Sample vegetables (tomatoes, carrots, etc.)
- T-shirt
- Cotton ball (or part of cotton plant if available)
- Small piece of wood
- Seed trays
- Potting soil
- Seeds (tomato, flower, etc.)
- Popsicle sticks
- Watering can and water
- Cardboard shoe box
- Construction paper

INSTRUCTIONS: In the front of the room, set up vegetables, cotton ball, T-shirt and piece of wood. Have planting supplies organized on side tables if possible. Create miniature barn out of shoe box and construction paper prior to lesson. Set up mini-barn with seed trays around it, simulating a farm with several fields.

Introduction:

Connection to Students – Who likes to eat? (students raise hands) Who lives in a house? Who's wearing clothes today? Well guess what? You get to eat, live in a house, and wear clothes, thanks to agriculture! What is agriculture? (students respond)

Motivation – Great! Agriculture is all of that and includes three specific areas: food, fiber, and natural resources. Let's say them together, I'll say it first, then you. "Food" (food) "Fiber" (fiber) "Natural Resources" (natural resources) Let's have a little contest. (Stand behind vegetables, t-shirt, cotton ball, and wood.) (Point to vegetables,) Which one is this? (food) And how about this t-shirt? (fiber) What about a piece of wood? (natural resources) Let's see who can say them the loudest. (Split room into three groups without moving students. One group yells food, the second yells fiber, and the third, natural resources.) When I point to your group, yell your area as loud as you can.

Overview – There is some energy here! Today each of you gets to be a farmer and grow your own crop as we build a school farm right here in our classroom.

Steps and Procedures for Performing the Skill/Task:

STEPS (What to Do)	Procedures (How to Perform the Step)
Demonstrate Planting	Do this in front of the class before letting them work on their own.
1. Fill seed tray with soil	Take a handful of soil and fill in the tray all the way to the top. Gently press your hand on the soil to pack it in.
2. Make hole	Use your pointer finger to make a hole, just about as deep as your fingernail in the soil.
3. Plant	Drop one seed in each hole.

continued

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Plans for Learners/Participants to Practice the Skill/Task:

- ### Adaptations for Upper Elementary

- ### Summary of Key Points:

- Conclusion** – Great job! Take a look at this cool farm you made! You are all now farmers! Who can remember the three main areas of agriculture? (Refer back to your t-shirt, vegetables, and wood). Food! Fiber! And Natural Resources! Remember, thanks to agriculture you have something to eat, clothes to wear, and a place to live!