

Introduction to Agriculture: It All Begins with a Seed

LEARNING RECAP

Everything in agriculture — from the food we eat to the clothes we wear — starts with something tiny but powerful...a seed!

1. **Seeds are the beginning of life on the farm** – Inside every seed is a tiny plant waiting to grow! With sunlight, water, air, and soil, seeds become plants that give us food and homes for animals.
2. **Farmers are seed caretakers** – They grow crops like corn, wheat, fruits, and vegetables — and raise animals that depend on those plants.
3. **Agriculture is all around us** – It includes farms, gardens, orchards, dairy cows, and even new technology that helps plants grow.

AT HOME ACTIVITIES

Seed Sorting Game:

- Collect different seeds (beans, corn, sunflowers, peas).
- Sort them by size, shape, or color and make a “seed chart.”

Seed Art:

- Glue seeds onto paper to make pictures of flowers, trees, or animals.

Grow a “Sprout Snack”:

- Soak lentils, mung beans, or chickpeas in water until they sprout. Watch them grow and then enjoy a healthy snack!

Dissect a Seed:

- Take a bean or pea and carefully open it.
- Look for the tiny plant inside (the embryo) and the stored food.

FUN FACTS

- Tiny but mighty! Some seeds are so small they look like dust, but each one can grow into a whole plant.
- Seeds take naps! When dry, seeds “sleep” until they get water, sunlight, and air to wake up and grow.
- Sunflowers are seed factories! One sunflower can have over 2,000 seeds in its big round head.
- Seeds are travelers! Some float on water, fly through the air, or hitch rides on animals.
- You eat seeds every day! Corn, beans, peas, rice, and nuts are all seeds.