



4-H Thrive!

Positive Youth Development

Seeds are critical to civilizations because they supply the food and fiber all humans and animals rely on to survive. Plants provide humans and animals with food, plus they supply fiber like cotton for our clothes and lumber for our homes. Through technology advances, few people have to work in agriculture which frees most of the population to work in other careers. Agriculture needs intelligent young people to continue developing new, advanced technology.

Developing Competence

Adults create environments where youth can develop competence in their chosen project area.

Building Confidence

Youth build confidence as they learn to think for themselves, build mastery, and are recognized for their efforts.

Nurturing Caring

Adults nurture a caring environment where mutual trust between youth and adults is established. Caring relationships with adults are key to resilient youth.

Finding Connection

Youth build solid connections which are critical to their well-being.

Forming Character

Create a community where youth play an active role in developing their character.

Determining Contribution

Youth actively contribute to their clubs and communities.

**Starting Out
Beginner**

- Learn to identify 50 crop and weed seeds.
- Study a 3-page publication on parts of a seed and what they do.
- Learn the differences between high-quality and low-quality seeds.

**Learning More
Intermediate**

- Keep studying the guides and become proficient in seed ID and judging classes of seed.
- Consider learning more through the 4-H Agronomy series of projects.

**Exploring Depth
Advanced**

- Enroll in any of the 4-H Agronomy projects:
1. Agronomy Bowl. 4-person teams compete in buzzer style contest on agronomy topics.
 2. DIY Science Experiments. Use the starter kit and conduct your own trial to learn how research is conducted.
 3. Day Camp. Intro to agronomy practices and learn about agriculture careers.



Expand your experiences!

Career areas that utilize knowledge of seeds:



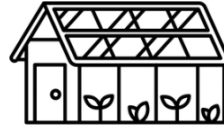
Agronomy



Botany



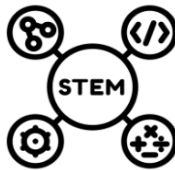
General
Agriculture



Horticulture



Plant Sciences



STEM



Wildlife
& Fisheries

Resources

Seed Judging. P464.

Mississippi State University
Extension Service.

Mississippi State, MS.

Seed Identification. P1397.

Mississippi State University
Extension Service.

Mississippi State, MS.

Connections & Events

For Cloverbuds & Juniors:

- 4-H Project Achievement Days
- County Contests

For Seniors:

- 4-H Club Congress
- 4-H Career Camp

Curriculum

Seed Judging. P464.

Mississippi State University Extension Service. Mississippi State, MS.

Seed Identification.

P1397. Mississippi State University Extension Service. Mississippi State, MS.

4-H Record Book

Youth who enjoy the seed identification contest can enter a record book in Other Projects/Plant and Social Sciences.