



2026 Lesson Plans

The Oklahoma Ag in the Classroom program provides resources and curriculum so teachers have the tools to teach their students about agriculture. These lessons below are aligned with Oklahoma Academic Standards for various grade levels along with vocabulary, activities and online resources designed to enhance your State Fair Academy experience. Click on the links and download or print the lesson plans.

Some of the best lessons are found while visiting state fairs! Agriculture education thrives throughout State Fair Park during the Oklahoma State Fair. Be sure and check out the City of AGtropolis, Barnyard Birthing Center, Oklahoma Frontier Experience and all the barns and arenas. Your students can even get their Oklahoma and Oklahoma State Fair history lesson while exploring the Spirit of Oklahoma Exhibit.

Lesson 1: In this lesson, students will read about the history of county and state fairs in the US, Indian Territory and the state of Oklahoma. Students will answer comprehension questions about the reading. Students will develop timelines of the history of fairs. Students will develop fair entries for judging.

[The Fair Starts with Agriculture](#)

Lesson 2: This lesson is about the history of 4-H, a youth organization. 4H exhibits are located in the Oklahoma Expo Hall during the Oklahoma State Fair. Students will develop a timeline from the reading. Students will graph information about 4-H. Students will use online search engines to find information about other youth organizations.

[4H = Head, Heart, Hands & Health](#)

Lesson 3: Explain to your class that they will be investigating the traditional story of the Three Sisters which focuses on the agriculture and food production techniques used by Native Americans. The three sisters refer to three crops that were commonly planted together – corn, beans and squash

[Three Sisters Garden](#)

Lesson 4: Students investigate the three types of honey bees in a colony, identify their roles, and recognize honey bees as part of a community that works together. Students identify the parts of a honey bee, the stages of its life cycle, and its role in pollination. Students participate in an activity where the class stimulates its roll in pollination. Live bees will be buzzing around and building their own honeycombs in the Oklahoma Expo Hall during the Oklahoma State Fair.

[The Amazing Honey Bee](#) and [Honey Bees: A Pollination Stimulation](#)

Lesson 5: Students will compare and contrast hair sheep and wool sheep, discover the reasons why farmers raise sheep, and explore ways farmers meet the needs of the sheep they raise.

[A Tail of Two Sheep](#)

Lesson 6: Camelid's are becoming a popular animal in today's society. Have your students learn about different animals as well as compare and contrast their needs with others in the family. Let students get up close and personal with live Alpacas during the Oklahoma State Fair. You can find these beautiful creatures in the City of AGtropolis in the Oklahoma Expo Hall.

[Cutest Camelid](#)

Lesson 7: Students examine how pests affect other living organisms and the environment and identify how pests are managed in agricultural settings. During the Oklahoma State Fair, visit the bug hub presented by the OSU Entomology Department, located in the City of AGtropolis in the Oklahoma Expo Hall.

[What's Bugging You](#)