



OKLAHOMA
Agriculture in the Classroom

4-H Innovate Leadership Summit This Little Pig

Please log in using the chat box with your:

First/Last Name, County

AND

**Let me know if this is your first Ag in the Classroom
workshop**



OKLAHOMA

Agriculture in the Classroom

Ag in the Classroom

Ag in the Classroom is a program that works by incorporating agricultural production and processing facts into ready-to-use core curriculum subjects such as math, language arts, science and social studies for teachers of grades Pre-Kindergarten through 12th grade. The lessons and activities teach students to be more knowledgeable consumers and reinforce the basics of nutrition and healthy foods.

Oklahoma Ag in the Classroom is a program of:



Today we are going to use
Jamboard.

If you are on a mobile device, then
you need the app.

This Little Pig Jamboard:

https://jamboard.google.com/d/1ol4uKw_d-0yfrn77XI3euXX7Mojv3kbd8A15W2QqvUk/edit?usp=sharing



AITC Website

<https://agclassroom.org/ok/>



OKLAHOMA
Agriculture in the Classroom



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ABOUT US



LESSONS



RESOURCES



GRANTS



STUDENTS





LESSONS



BY LESSON TITLE



BY AGRICULTURAL
TOPIC



BY GRADE LEVEL



OTHER CATEGORIES



LESSONS IN SPANISH



CURRICULUM MATRIX

Lessons by Title

[View all lessons with all descriptions and links](#)

All Lessons are aligned with Oklahoma Academic

- [About Pumpkins](#)
- [AC Magruder and the Magruder Plots](#)
- [Ag Education and Extension: William Bentley](#)
- [Ag in My Classroom](#)
- [Ag in My Community](#)
- [Ag in the Outfield](#)
- [Ag in the Playing](#)

Lessons by Title

A

[About Pumpkins](#)

Grades 1-3: ELA

Students will read about pumpkins and answer questions to show comprehension.

[Pumpkin Lessons and Resources](#)

[AC Magruder and the Magruder Plots](#)

Grades 3 and 9: SS, ELA

Students will read about the Oklahoma Red Dirt Groundbreakers who is best known by the OSU Experimental Winter Wheat Plots named in his honor.

[Oklahoma Red Dirt Groundbreaker Lessons](#)

[Ag Education and Extension: William Bentley and Bermuda John Fields](#)

Grade 3: SS, Math

Students will read about two of Oklahoma's Red Dirt Groundbreakers and discover the impact they had on Oklahoma Extension Offices.

[Oklahoma Red Dirt Groundbreaker Lessons](#)

T

- ▶ Taming the Wild Aurochs
- ▶ Territorial Children
- ▶ Thanksgiving: Celebrating the Harvest
- ▶ They Don't Just Eat Grass
- ▶ Think in Pictures: Like Dr. Grandin
- ▶ Think in Pictures: Like Dr. Grandin
- ▶ This Little Pig
- ▶ Thomas Jefferson's Useful Plant

This Little Pig

Grades PreK-3: English Language Arts ,
Science

Students read about swine and complete worksheets on the reading and vocabulary. Students will compare and contrast different versions of the story of the Three Little Pigs and write their own versions.

 PowerPoint

 Keynote

 Pork Lessons and Resources

This Little Pig Jamboard:

https://jamboard.google.com/d/1ol4uKw_d-0yfrn77XI3euXX7Mojv3kbd8A15W2QqvUk/edit?usp=sharing



Pigs and hogs are part of the 1) Swine family.

Male swine are called 2) boars.

Female swine are called 3) gilts before they have a litter of pigs and then they are called 3) sows.

A pig becomes a hog when it weighs about 4) 240 pounds.

Favorite ways to eat pork: 5) Bacon, pork sausage, pork chops, pork rinds, pepperoni, and ham all come from swine.

Other pork products: 6) fertilizer, glass, china, floor wax, chalk, crayons, medicine, lipstick, gloves, buttons, makeup, flooring, hair brushes, sports gloves, and heart valves.

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LESSONS



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GRANTS



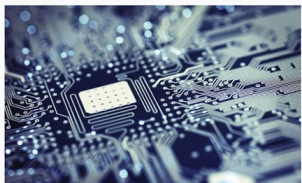
STUDENTS



RESOURCES



CLASSROOM
RESOURCES



TECHNOLOGY



FOOD & FUN



TEACHER TOOLS



AGRICULTURAL FACTS



PATTERN PAGES



PRACTICE SHEETS



CALENDAR

Pork Facts:

https://ok.agclassroom.org/resources_facts/agfacts_pigs/

YOUR CHALLENGE- TO BUILD A HOUSE FOR THE 3 LITTLE PIGS



YOUR MATERIALS

- clay
- popsicle sticks
- toothpicks
- sugar cubes
- coin rolling wrappers
- marshmallows
- recycled packing peanuts (made from corn)
- straws
- masking tape
- q-tips

BEFORE WE BEGIN YOUR CHALLENGE



Identify the problem.

We need to build a house for the 3 Little Pigs, which will stand against the wind.



Brainstorm solutions.

- 1) What objects have properties best suited for building a strong house.
- 2) How can small objects can be assembled to make new objects, such as houses.



Diagram the prototype.



YOUR CHALLENGE

Build a house that can stand when the “big bad wolf” comes to blow it down.



TEST YOUR DESIGN BY TRYING TO BLOW DOWN YOUR HOUSE



Test 1	Test 2	Test 3

What worked and what needs to change for success? _____



OKLAHOMA Agriculture in the Classroom

AITC is a cooperative program of the Oklahoma Department of Agriculture, Food and Forestry, the Oklahoma State Department of Education and the Oklahoma Cooperative Extension Service.

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