**Agriculture in Society**

**Unit 2:** Animal andLivestock Production in Agriculture

**Lesson 1:** Animal Agriculture

**Lesson 1.4:** Poultry Production in Oklahoma

State Orientation to Agriculture in Society Standards:

**OAS 3.02** Describe animal agricultural production in Oklahoma, focusing on key regions, major operations, and economic impacts

**OAS 3.03** Sketch production systems, cycles, and phases for livestock production

**OAS 3.04** Describe the impact of livestock animals in Oklahoma

National AFNR Standards:

**AS.01** Analyze historic and current trends impacting the animal systems industry

**FPS.06** Analyze the interaction among AFNR systems in the production, processing and management of food, fiber, and fuel and the sustainable use of natural resources

**FPS.02** Evaluate the nature and scope of the agriculture, food & natural resources in society and the economy

Student Learning Objectives:

1. Students will discuss the poultry industry in Oklahoma, including the economic and societal benefits of agriculture
2. Students will sketch the production systems, cycles, and phases of poultry production in Oklahoma

Outside Resources

1. Ag in the Classroom
   1. [Life Cycle of a Chicken](https://agclassroom.org/matrix/resource/630/) (OAS 3.03, OAS 3.04)
      1. **Lesson and Activity –** In this lesson, students will create poster outlining the life cycle of an egg and chicken. This lesson is elementary but can easily be adapted to middle school aged students.
   2. [Eggs on the Menu](https://agclassroom.org/matrix/lesson/607/) (OAS 3.03, OAS 3.04)
      1. **Lesson and Activity-** Students will learn the versatility, function, and nutritional benefit of eggs in a healthy diet, identify the function and role of eggs in a recipe, identify forms of technology used on an egg farm, and understand how eggs are classified by size.
2. AgEd Net
   1. [Poultry Lesson Library](https://www.agednet.com/menula.shtml) (OAS 3.02, OAS 3.03, OAS 3.04)
      1. **Lesson Plan, Slideshows, Puzzles, Worksheets-** This library of resources provides a variety of different lesson plans. Poultry Product Systems Lessons achieve the standards listed above.
3. University of Florida
   1. [UFL Poultry Industry Webquest](https://aec.ifas.ufl.edu/media/aecifasufledu/teacher-repository/AFDMLP8.docx) (OAS 3.03, OAS 3.04)
      1. **Webquest-** This resource provides students with a list of questions and resources. They should use the resources to answer the questions. The primary purpose of this lesson is to help students gain consumer skills, but this also provides resources that accomplish the standards listed above.
4. Grow Next Gen
   1. [ChickQuest](https://grownextgen.org/curriculum/chickquest)
      1. **Lesson Plan, Virtual Field Trip, Worksheets -**  From monitoring living eggs to observing chicks, these STEM activities pique curiosity, encourage collaboration and communication, and provide young scientists with unforgettable experiences. Students will learn about animal agriculture and egg production.