**Agriculture in Society**

**Unit 1:** Agriculture in Society

**Lesson 1:** What is Agriculture?

**Lesson 1.2:** Feeding the World’s Growing Population

State Orientation to Agriculture in Society Standards:

**OAS 1.01** Describe the agricultural industry, its scope, and importance to the world

**OAS 1.02** Explore the challenge of feeding the world’s growing population and create solutions to solving world hunger

National AFNR Standards:

**FPS.02** Evaluate the nature and scope of Agriculture, Food & Natural Resources Career Cluster and the role of agriculture, food and natural resources (AFNR) in society and the economy.

Student Learning Objectives:

1. Students will examine agriculture’s role in feeding the world’s growing population.

Outside Resources

1. Ag in the Classroom
   1. [Global Food Security](https://agclassroom.org/matrix/lesson/540/) (OAS 1.02)
      1. **Lesson and Activity**- Students will explore the causes of hunger, both domestically and globally; evaluate potential solutions for solving world hunger; and forecast the impact of a growing world population on current food supplies.
   2. [Food Systems Feed the World](https://agclassroom.org/matrix/lesson/413/) (OAS 1.02)
      1. **Lesson and Activity**- Students will explore the steps and processes that create a food system and gain an understanding of hunger as it relates to the physical well-being, culture, and geographic location of all people. Students will learn what a food system encompasses, create a "food system chain," and discuss why hunger still exists despite modern advances that have made the US food system highly efficient.
2. CASE
   1. AgX 1.4 Sustaining a Population (OAS 1.02)
      1. **Lesson and Worksheet**-Through the use of maps and data, students will evaluate the world population growth and the implications of technological advancements. Students will also play the game Journey 2050, which is a simulation game that teaches students about sustainable agriculture.
3. National FFA And Pork Checkoff
   1. [Feeding the World\_1\_SN\_1.1.19.pdf](https://officemgmtentserv-my.sharepoint.com/:b:/r/personal/cody_dean_careertech_ok_gov/Documents/National%20FFA%20Resources/Feeding%20the%20World_1_SN_1.1.19.pdf?csf=1&web=1&e=VjTJWy) [Feeding the World-Part 2.pdf](https://officemgmtentserv-my.sharepoint.com/:b:/r/personal/cody_dean_careertech_ok_gov/Documents/National%20FFA%20Resources/Feeding%20the%20World-Part%202.pdf?csf=1&web=1&e=r03ZEa) (OAS 1.02)
      1. **Lesson, Activity, and Worksheet**- Students will describe feeding the world and food insecurity. Students will investigate the impact of food insecurity on both the local and global levels. Lastly, students will create and implement their own hunger and awareness campaign. *Note: this lesson is part of a 2-part series*