



Lesson Plan

Growing Opportunities Infographic

Created: 03/2015 by the National FFA Organization

STUDENT LEARNING OBJECTIVES

After completing these activities students will...

1. Discover the vast number of career opportunities in agriculture.
2. Identify which careers require the most education and the pay range for each career.

TIME REQUIRED: 20 minutes

RESOURCES: FFA.org

1. FFA.org
2. Growing Opportunities Infographic, <https://www.agcareers.com/infographics/growing-opportunities-infographic-24.cfm>

EQUIPMENT AND SUPPLIES NEEDED:

1. A copy of the "Growing Opportunities: What Ag Careers Are Out There?" worksheet for each student.
2. Optional: Copies of the "Growing Opportunities" infographic for each student or enough for several small groups.

THESE ACTIVITIES ARE ALIGNED TO THE FOLLOWING STANDARDS:

AFNR Performance Element

- CS.03. Performance Element: Career Success: Demonstrate those qualities, attributes and skills necessary to succeed in, or further prepare for, a chosen career while effectively contributing to society.

Common Career Technical Core

- AG5 Describe career opportunities and means to achieve those opportunities in each of the Agriculture, Food & Natural Resources Career Pathways.

NASDCTEc

- AGC09.02 Select, research and examine critical aspects of career opportunities in one or more AFNR career pathways in order to gain an understanding of the breadth of occupations within this cluster.

Common Core- Reading: Informational Text

- CCSS.ELA-Literacy.RI.9-10.2 Determine a central idea of a text and analyze its development over the course of the text, including how it emerges and is shaped and refined by specific details; provide an objective summary of the text.
- CCSS.ELA-Literacy.RI.9-10.4 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).

Common Core- Speaking and Listening

- CCSS.ELA-Literacy.SL.9-10.1 Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9-10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.

Common Core- Science & Technical Subjects

- RST.9.10.8 Assess the extent to which the reasoning and evidence in a text support the author's claim or a recommendation for solving a scientific or technical problem.

Partnership for 21st Century Skills

- Communication
- Critical Thinking and Problem Solving
- Information Literacy

LESSON PLAN:

1. *Interest Approach:* Have students share what they want to do when they are older. Through this sharing try to connect student interests to agriculture. Through sharing and discussion get students to the point that they are surprised so many career opportunities exist in agriculture.
2. *Activity:* Put the infographic up on a projection screen or provide each student with a copy. Have students review and discuss the information presented in the document.
3. *Follow-up:* Have students complete the "Growing Opportunities: What Ag Careers Are Out There?" worksheet. The worksheet will ask them to recall and apply data provided in the infographic.

NAME: _____

Growing Opportunities: What Ag Careers Are Out There?

DIRECTIONS:

Using the "Growing Opportunities" infographic, available at <https://www.agcareers.com/infographics/growing-opportunities-infographic-24.cfm>, read the following questions and choose the best answer for each question.

1. Which of the following levels of Ag Education offers the highest salary range?
 - A. Associate's
 - B. Bachelor's
 - C. Master's
 - D. Doctorate/PhD
2. Which of the following words are used to describe all careers in agriculture?
 - A. Diverse
 - B. Farming
 - C. Scarce
 - D. Unavailable
3. Which of the following majors are in the top three for both two and four year college programs?
 - A. Food Science
 - B. Environmental Science
 - C. Animal Science
 - D. Ag Business
4. According to this article, if there are 500 agriculture companies in your state, how many of them are expecting their workforce to increase in size in the next two years?
 - A. 847 companies
 - B. 295 companies
 - C. 100 companies
 - D. 8 companies
5. Explain the following statement mentioned in the article: "Growing demand for talent = Growing opportunities for students."

6. Hypothetically, if 984,000 students are enrolled in postsecondary education, according to the article, how many of those students would be agriculture students?
 - A. 984
 - B. 9,840
 - C. 98,400
 - D. 100,000
7. Using the facts listed in the article describe how you would convince a friend to pursue a career in agriculture.

Aligned to the following standards:

CS.03; AGC09.02; CCSS.ELA-Literacy.RI.9-10.2; CCSS.ELA-Literacy.RI.9-10.4; CCSS.ELA-Literacy.SL.9-10.1; RST.9.10.8; AG5