



Grade Level: 2-12

Essential Skills: 4, 9

CCSS: 3.RI.7, 3.L.4, 3-5.SL.1, 11-12.W.8, 9-10.W.8, 8.W.8, 7.W.8, 6.W.8, 5.W.8, 4.W.8

NGSS: K-2-ETS1-1

Social Sciences: 3.12, 4.18

Time: 30 mins

Materials: Ag Networking Kit*
Or: Lunch bags labeled with 6 F's of Oregon Agriculture
Career cards: 40 different careers with titles and pictures to fit within each of the 6 F's of Oregon Agriculture

*Order your free **Agricultural Networking Kit** with all materials; available to Oregon educators from our [Free Loan Library](#)

AITC Library Resources:

Check out these materials online at AITC's Free Loan Library:

Books:

Before We Eat: From Farm to Table

How Did That Get In My Lunchbox? The Story of Food
Food and Farming
Picturepedia

Video: *Food Doesn't Grow in the Supermarket*

Kits:

[USDA Living Science Career Packets](#)

Agricultural Networking

Description:

This exciting role-playing lesson opens students' eyes to all of the many people that grow, research, process, and transport food, fiber and wood products. This lesson will inspire students about the potential of working in agriculture.

Background:

According to the American Farm Bureau Federation, farmers in Oregon have an average age of 60, and just 1% of Oregon's population identify as farmers and ranchers. If we wish to continue to be a prominent producer of food and natural resources, we are going to need more farmers and agricultural professionals. Estimates find that one in eight jobs in Oregon involves the agricultural and natural resource industry, and these jobs are increasing. In fact, the USDA has stated there are nearly 60,000 high-skilled agriculture job openings expected annually in U.S., but only 35,000 graduates with appropriate skills to fill them. Agriculture is "no longer about just cows and plows," according to a recent US News article, but water usage, clean energy technology, and urban farming illustrate the innovation that agriculture must use in order to feed our world's growing population. In this lesson, students have the opportunity to role-play and "try on" many different careers in agriculture, including fisheries and forestry and work together to get the products to the consumer.

Directions:

- 1) Describe the 6 F's of Agriculture on the paper bags, and discuss related jobs. The 6 F's are Food, Farming, Fishing, Flowers, Fiber and Forestry.
- 2) Place 6 F's of Agriculture bags around classroom.
- 3) Distribute one career card to each student.
- 4) Have students sort their cards in the bag they think is the best category for their career.
- 5) After all the cards have been sorted, work through each bag, briefly describing the careers, and discussing why the card goes in the category it belongs.
- 6) After you have reviewed the sorted cards, collect the cards, shuffle, and re-distribute one per student again. Have students find 1 other classmate (for younger grades) or 3 other classmates (for older grades) that they would likely do business with if they had this job.
- 7) Ask each group how they would work together to process their product or meet goals.

Extension Activities:

- Complete Careers in Ag Worksheet, attached.
- Visit [AgCareers](#) to explore more agriculture careers and their qualifications.
- For older grades, have students research universities, colleges and trade schools that have agriculture programs.



Seed Salesperson



Agricultural Journalist



Careers in Agriculture

Careers related to agriculture are found in many different categories. Match each occupation below with the proper category. Can you think of other occupations in each category?

1. Farming and ranching

2. Science and research

3. Manufacturing

4. Business

5. Education and services

6. Communications



- a) Agronomist
- b) Home economist
- c) Meteorologist
- d) Food Inspector
- e) Elevator Manager
- f) Fruit Grower
- g) County Extension Agent
- h) Writer
- i) Fertilizer Packager
- j) Loan Officer
- k) Soil Conservationist
- l) Artist
- m) Seed Grower
- n) Poultry Producer
- o) Equipment Sales Agent



High School Careers Worksheet

Directions: Research a career field you are interested in and answer the following questions.

- 1. General Description (what do they do?)**
- 2. Explain how this career is related to *agriculture*.**
- 3. Skills (Personal skills or qualities helpful for this career)**
- 4. Training/Education: (courses, degrees, certification, licenses, etc.)**
- 5. Universities/ Schools: (schools that offer degrees/training etc. for this career)**
- 6. Cost of Education: (Estimated average cost for the entire degree or training program)**
- 7. Employment Opportunities: (Job Outlook/Future Prospects for getting a job!)**
- 8) Working Environment (office, outdoors, travel based, individual, team-oriented)**
- 9) Earning Potential (Median Salary Range, Median Hourly Wage)**
- 10) Related or similar career**



Activity Page

Instagram Job Posting

#agjob #workinginag

Name: _____

Directions: Create an Instagram post for the agricultural career you researched. The image should be a picture of a typical activity done in the career you researched, be sure to include a description of what's happening in the photo and include hashtags!

Insta-Job

Agriculture Jobs

Oregon, United States