



CAREER ACTIVITY

Nutrients For Life has developed a hands-on activity for middle or high school students to explore Agriculture Industry career opportunities in the classroom. This activity can be modified depending on your classroom size and grade level that you intend to do the activity with.

Materials needed:

Go to www.agcareers.com/career-profiles to download the list of career profiles that are provided on the AgCareers website. Students can research their top three career choices listed on the AgCareers website.

Each student needs to print out those three career profiles to do this activity.

Another option is printing out these colorful images provided by AgCareers that describe many of the Agriculture career profiles. (Images shown on next page.)

The career areas that are printed for this activity are:

Ag Biotechnology	Ag Business
Ag Conservation	Ag Human Resources
Ag Mechanics	Animal Science
Earth Science	Food Science
Horticulture	Natural Resources
Plant Science	

Procedure:

Once the student has chosen their top three career options, you break them into groups, depending on how many students are in your class.

The teacher can develop the problems that each group needs to solve, or each group can develop a problem that involves soil, fertilizer or plants, and explain how the careers they chose work together to solve that problem. Give students 10-20 minutes to develop their problem and answers together in a small group. At the end of the prep time, each group will present to

the entire class what their career choices were, and how they are all involved in solving the problem that they developed.

The nice thing about this activity is that the teacher can help to guide students in the small groups as they discuss their careers and problems. The teacher can also ask probing questions while the students present their career presentation to the rest of the class. This activity leads to great discussion and discovery of new career opportunities in Agriculture.

Agronomy Sales & Management

JOB OVERVIEW

Responsible for providing support & knowledge of agronomic products to customers

Provide seed & fertilizer advice in relation to reasearch & production of crops directly to farmer

Provide crop rotation & husbandry advice

Market specific products to farmers in order to aid in these practices



JOB OUTLOOK



EDUCATION NEEDED

Bachelor's in Agronomy, Crop Science, or Soil Science. May also have Ag Business degree with Agronomy minor.

RECOMMENDED H.S. COURSES

Ag education, a focus on science (earth science, chemistry, biology), mathematics, physics

TYPICAL EMPLOYERS

Seed companies, crop protection companies, cooperatives

Custom Applicator

JOB OVERVIEW

Apply pesticides or fertilizer in fields

Operate & maintain all spray equipment

Handle and deliver bulk and packaged chemicals

Perform daily vehicle inspections

Organize and coordinate application timetable with customers



JOB OUTLOOK



EDUCATION NEEDED

Associate's degree *not required* but would enhance opportunity to obtain a job

RECOMMENDED H.S. COURSES

Ag education, science, biology, chemistry, mathematics, business

TYPICAL EMPLOYERS

Seed companies, crop protection companies, cooperatives, large farms, or you may be self-employed