

Name: _____

Discover Agriculture Careers *Webquest*

Instructions: Go to www.agclassroom.org/career and explore details about each agricultural career pathway. Answer the following questions as you go.

Agribusiness Systems Pathway

1- List 5 words or short phrases you would use to describe jobs in this pathway.

2- Agricultural Salesperson: What education level does Andrew have for his job?

3- Agricultural Loan Officer: What challenges are there when loaning money to farmers?

4- Agricultural Purchasing Agent: What do buyers in this career need a good working knowledge of?



Agriculture Education Pathway

1- List 5 words or short phrases you would use to describe jobs in this pathway.

2- Environmental Educator: What role does an environmental educator have in our future and the natural resources from our Earth?

3- Agriculture Science Teacher: What can bring job satisfaction to agriculture teachers?

4- Extension Agent: What is Justin's advice to someone considering a career in extension?



Agriculture Technology Pathway

1- List 5 words or short phrases you would use to describe jobs in this pathway.

2- GIS Agricultural Analyst: Are careers in technology likely to increase or decrease in the future?

3- Drone Pilot: What percentage of Chris's time is spent in an office vs in the field?

4- Precision Agriculture Consultant: How can Chance "farm from the office?"



Animal Systems Pathway



1- List 5 words or short phrases you would use to describe jobs in this pathway.

2- Animal Nutritionist: How many other careers are related to a career as an animal nutritionist?

3-Veterinarian: How will the day-to-day tasks of a veterinarian vary depending on their area of focus?

4- Dairy Farmer: What do you think are the similarities and differences between a dairy farmer and farmers of other livestock species like sheep, goats, beef cattle, or poultry?

Biotechnology Pathway



1- List 5 words or short phrases you would use to describe jobs in this pathway.

2-Plant Breeder: Would this job be seasonal? Describe how the job changes through the year.

3-Microbiologist: What is the goal of Aindrila's job as a microbiologist?

4- Animal Geneticist: How does the work of an animal geneticist impact efficiency in animal production?

Environmental Service Pathway



1- List 5 words or short phrases you would use to describe jobs in this pathway.

2- Environmental Compliance Officer: What would an environmental compliance officer monitor on a farm?

3-Environmental Science and Protection Technician: How does managing pollution impact human health?

Food Systems Pathway



1- List 5 words or short phrases you would use to describe jobs in this pathway.

2-Dietician: What are some settings where dieticians work?

3-Quality Assurance Manager: What does a quality assurance manager help prevent?

4- Food Scientist: What does a flavorist do?

Natural Resources Pathway



1- List 5 words or short phrases you would use to describe jobs in this pathway.

2-Soil Conservationist: How do millennials have a benefit in soil conservation careers?

3-Forester: What education requirement is there to be a forester?

4- Soil Scientist: is a typical day like?

Plant Systems Pathway



1- List 5 words or short phrases you would use to describe jobs in this pathway.

2-Landscape Designer: How has Jenn's career evolved through the years? Where did she gain experience?

3-Agronomist: How does Brandon help farmers identify and fix problems in their crops?

4- Flower Breeder: What traits do breeders look for when creating new flower varieties?

Power Systems Pathway



1- List 5 words or short phrases you would use to describe jobs in this pathway.

2-Agricultural Engineer: What kinds of solutions do agricultural engineers develop?

3-Supply Chain Manager: What people would a supply chain manager work with?

Skilled Trades Pathway



1- List 5 words or short phrases you would use to describe jobs in this pathway.

2-Welder: How did Richard get his start in welding?

3-Commercial Driver: What are some of the requirements to get a commercial driver's licence (CDL)?

4- Butcher or Meat Cutter: What are some of the physical demands of working as a butcher?

5- Ag Equipment Technician: What training did Lee receive to start his career?

Sustainable Systems Pathway



1- List 5 words or short phrases you would use to describe jobs in this pathway.

2-Wind Turbine Technician: Could you play a role in fine-tuning renewable energy to make our future more sustainable? How?

3-Air Quality Specialist: How can Dr. Mitloehner and other professionals in similar industries contribute to a more sustainable future?

4- Nutrient/Waste Management Specialist: How can careers such as Kraig Westbrook's make the difference between environmental sustainability and failure?