

 **Activity 1.3.1 Agriscience Careers and Me****Purpose**

Science and technology are instrumental in the production and processing of food, fiber, and renewable natural resources, and are the basis for many careers in agriculture. Studying agriscience careers may help you determine that an agriscience career is right for you and guide you to get the appropriate training and experience necessary for a successful and rewarding career.

An estimated 300 different careers await you if you decide to stay in the field of agriculture. There is a need for approximately 400,000 people to fill positions in agriscience careers each year. Of those positions, there are typically only 100,000 filled by people who are educated and trained in agriscience. The remaining openings go to people who are trained in fields outside of agriculture. Openings in agriscience include areas such as mechanics, sales, genetic engineering, nutrition, and extension.

Materials**Per student:**

- Computer with Internet access
- Agriscience Library
- Pencil
- *Agriscience Notebook*

Procedure

In this activity, you will be exploring the career opportunities awaiting you in the fields of agriculture and natural resources. First you will need to join the *National FFA Ag Career Network* if you are not already registered. Your teacher will provide you with log in information.

Part One – Careers in Agriculture

1. Log into the *Ag Career Network* using the username and password provided.
2. In the left menu, select **Discover Ag Careers**.
3. Next select **Explore** from the choices on the right. A pop-up window will open. You may have to allow pop-ups for this site.
4. Select **Learn About Careers** from the left menu. Then select **16 Career Clusters** from the Menu tabs along the top. Finally, select the **Agriculture, Food, and Natural Resources** cluster from the list.
5. Within the AFNR cluster, you will see seven pathways. Take some time to explore each pathway. On *Activity 1.3.1 Student Worksheet*, record the following information for each pathway in Table 1.
 - Brief overview
 - Interesting careers
 - Interesting majors

Name: _____

Activity 1.3.1 Student Worksheet

Pathways	Overview	Careers	College Majors

Green house manager	Feedlot manager	Animal Caretaker/ Operations Manager
Greenhouse managers oversee the daily operations involved with running a greenhouse or nursery. Managers must be knowledgeable about the stages of plant life and diseases that may occur.	A feedlot manager supervises and manages daily operations such as herd nutrition, environmental conditions and marketing of feedlot livestock	An animal caretaker/operations manager oversees all aspects of a production facility where animals are raised for food consumption, which may include a processing plant, feed mill and live production.