Name: _____Jaydon Shaiffer_____

CASE

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

Part Two – Finding Your Strengths

1. Return to the main menu by clicking on the **Career Cruising** logo in the top left corner of the screen.
6. Select **Explore My Interests** from the left menu.
7. Begin the *Matchmaker and My Skills* by clicking on the **Start Matchmaker** button. Read the onscreen instructions and complete the assessment as instructed.
8. When you have completed the assessment a list of potential careers that match your interests will be displayed. You can further refine your results by selecting **Answer More Questions** from the *Improve My Results* box on the left side of the screen.
9. When you have a list of careers that fits you, complete the *My Skills* assessment located in the left menu by clicking on **Start My Skills**.
10. When this assessment is complete you will see a *Score* next to the careers in your list.
11. Select three to five careers from your list that interest you and review the attributes of the career. Record your findings in Table 2 of your student worksheet.

Conclusion

1. Of the careers you reviewed in Part one, which three interest you the most?

Bio since structural, and food.

12. List three characteristics that make these careers appealing to you.

Money, amount of fun and the people ill met.

Name: _____

Activity 1.3.1 Student Worksheet

Table 1 Agriculture Pathways			
Pathways	Overview	Careers	College Majors
Power, structural& technic systems	Since we advanced in technology they have better ways to do their work and get in touch with others. By 2030 it going to grow 35%.	Brand Manager, chief executive	A bachelor's degree in business administration, marketing or a field relevant to your choice in agriculture is required to become a brand manager. You may be flexible on what type of degree you have depending on the type of industry you are working for, but generally a bachelor's or master's degree is required. To become a CEO in agriculture, you must also have proven your ability through a generally accepted minimum of five years of related industry experience and have a strong background in leadership.
Food products& processing systems	Foes on diets. It increases 4. You have to think how long it would take to move it to places.	Chief financial officer, food safety	A bachelor's or master's degree in accounting, finance or business administration is preferred. CPA certification. To become a CFO in agriculture, you must also have proven your ability through a generally accepted minimum of five years of related experience and have a strong background in leadership.
Biotechnology systems	We won't be able to feed people. Make more a crop.	Breeding, analytical chemist	A bachelor's or master's degree in chemistry, laboratory science or a related field is required to become an analytical chemist.
Agribusiness systems	Gateway to successful production. Corp production, farm, seed, and marking.	Accountant, accountant manger	My degree level can help you land a job in accounting but a more advanced degree. Certified Public Accountant (offers more opportunities and better compensation

Animal systems	Treat injured livestock and efficient ways of the animals they work on,	Animal geneticist, embryologist	A bachelor’s or master’s degree in animal reproduction, animal science or biology is required to become an embryologist.
Environmental service	Water pollution control, health issues	Biological technician plant breeder	An associate degree in natural resources, soil science, biology or a related field, such as horticulture, plant physiology or environmental science, is required.
Plant systems	Freed or grow population of safety food. Natural resources	Agronomist, crop advisor	A bachelor’s or master’s degree in agronomy or a related field is required to become an agronomist.

Table 2 My Career Options		