

## PA Ag & Food Careers Web Scavenger Hunt - High School #2

Directions: Read each question and watch the corresponding video. Answers may come directly from the video or require your own research. Download this document, save your own copy, and type your answers in the blanks.

Dr. Emily is a **Veterinarian**. Watch her [video](#) and answer the following question.

How many years of schooling are needed to become a veterinarian? \_\_\_\_\_

Calculate the average cost of veterinarian school.

Average cost of a four-year bachelor's degree \$ \_\_\_\_\_ +

Average cost of a four-year veterinary program \$ \_\_\_\_\_

\_\_\_\_\_

\$ \_\_\_\_\_

Assume you had to take out a loan for your entire education. Say the average interest rate for a student loan is 5%. How much does it **actually** cost to become a Doctor of Veterinary Medicine (DMV). Show your work and use the simple interest formula.

Actual cost (including interest) = \$ Double click here to type

Zack is a **Data Analyst**. In his [video](#), he recommends this career to people who enjoy digging for \_\_\_\_\_, asking \_\_\_\_\_, and have an eye for \_\_\_\_\_.

Watch the [video](#) titled **Agriculture Journalist/Editor**. What are three skills that would help you be successful in this career? \_\_\_\_\_

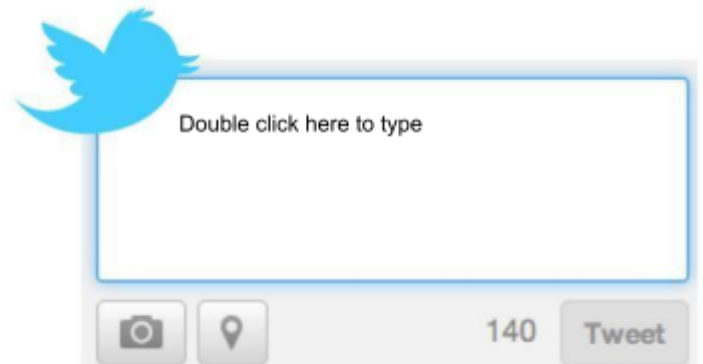
Use your research skills to find one college or university where you could study this topic. \_\_\_\_\_

Alan is a **Forester**, watch his [video](#) to learn more about his career. Visit the PA Forest Products Association [website](#) to learn more about Pennsylvania's forestry industry.

- PA Produces \_\_\_\_\_% of the total hardwood output in the United States
- \_\_\_\_\_ million acres in Pennsylvania is occupied by forests.
- \_\_\_\_\_ Pennsylvania's are employed by the forestry industry.

Create!

Write a tweet for Caleb, an **Agricultural Lobbyist**.  
What do you think he might say about his day at work?



Double click here to type

140 Tweet

Luke is a **Precision Agriculture Specialist** who works for New Holland. Watch this [video](#) about his agriculture career. In his video Luke says, “Precision farming is the \_\_\_\_\_ of agriculture”.

Watch this [video](#) about a precision agriculture invention. What are the three nutrients commonly used in agricultural fertilizers. **N** - \_\_\_\_\_ **P** - \_\_\_\_\_ **K** - \_\_\_\_\_

Why is over fertilization a problem? \_\_\_\_\_  
\_\_\_\_\_

Kevin is a **Beekeeper**. Watch his [video](#) to find out why it is important to have a strong background in animal and plant biology. Record your answer here. \_\_\_\_\_  
\_\_\_\_\_

The United States Department of Agriculture published [this](#) guide to bees. They classify bees as a keystone species. What does this mean? \_\_\_\_\_  
\_\_\_\_\_

Using the same document. Circle YES or NO for each of the following statements about a pollinator garden.

Use pesticides and herbicides	YES	NO
Plant native species	YES	NO
Plant a variety of plant species	YES	NO

Watch the **Greenhouse Manager** [video](#).

Kelly mentions several types of agriculture, two are aquaculture and horticulture. Compare and contrast these two different types of agriculture using a Venn Diagram. Research this question using Google and other reliable internet sources.

