

PA AG AND 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.

Careers that count!

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) =

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?



Type here



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.

