

**Scenario:** 2. Poultry, Pig Breeding and Beekeeping

**Themes:** 2.1 Poultry Breeding and Laying Hens

**Essential Question:** How do we acquire knowledge about poultry breeding and laying hens?

**Task #1: Read the article.**

### Poultry Breeding and Laying Hens in a farm

Welcome to our farm, where the delicate art of poultry breeding meets the dedication of managing laying hens. Join us as we explore the world of nurturing healthy flocks and harvesting quality eggs. At the core of our operation lies the intricate process of poultry breeding. It's a journey that begins with the careful selection of breeding stock, each bird chosen for its desirable traits—strong genetics, high egg production, and resilience to disease.

Our breeding program is a testament to the power of genetics and selection. Through generations of careful breeding, we've developed strains of birds perfectly suited to our environment and market demands. Each bird is meticulously evaluated for its pedigree and performance, ensuring the continual improvement of our flock.

As we wander through our farm, you'll notice the meticulous care we provide in creating a nurturing environment for our birds. Our housing facilities are spacious and well-ventilated, providing ample room for our hens to thrive. Nesting areas are designed to mimic natural habitats, fostering a sense of comfort and security.

Nutrition is key to the health and productivity of our flock. We've crafted a balanced diet tailored to meet their specific needs at every stage of their lifecycle. From protein-rich grains to essential vitamins, each ingredient plays a vital role in supporting optimal egg production and overall well-being.

Yet, ensuring the health of our flock goes beyond nutrition. We implement strict biosecurity measures to safeguard against disease outbreaks, conducting regular health checks and vaccinations. By prioritizing the welfare of our birds, we ensure a consistent supply of high-quality eggs for our customers.

Thank you for joining us on this journey through the world of poultry breeding and laying hens. From our farm to your table, we're dedicated to providing wholesome eggs and nurturing healthy flocks

**Match the term on the left with its corresponding definition or description on the right:**

- |                          |     |   |
|--------------------------|-----|---|
| 1. Resilience to disease | ( ) | Process of selecting birds with desired traits for reproduction   |
| 2. Flock                 | ( ) | Birds specifically raised for egg production                      |
| 3. Breeding stock        | ( ) | Traits passed down from parent birds to offspring                 |
| 4. Laying hens           | ( ) | Measures taken to prevent the spread of diseases within the flock |
| 5. Egg production        | ( ) | Areas designed for hens to lay their eggs                         |
| 6. Poultry breeding      | ( ) | Ability of birds to withstand illness or disease                  |
| 7. Pedigree              | ( ) | Program aimed at improving genetic traits in a flock              |
| 8. Biosecurity measures  | ( ) | Group of birds raised together, often of the same species         |
| 9. Nesting areas         | ( ) | Evaluation of a bird's ancestry and lineage                       |
| 10. Genetics             | ( ) | Production of eggs by laying hens                                 |