

Video Viewing Guide

Find answers on the ChickQuest website.

1. What do chickens eat that grows on Ohio farms?

- a. corn and soybeans
- b. apples and oranges
- c. eggs
- d. all of the above

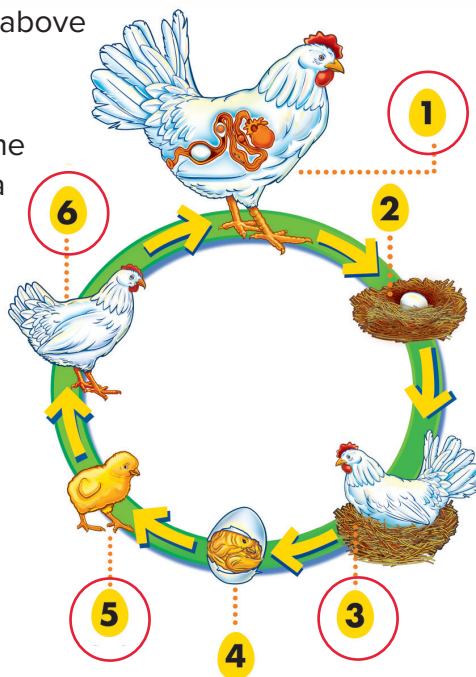
2. Fifty years ago, farm families had small flocks of chickens. How did farmers feed hens and collect eggs?

Hens lived in large flocks in open spaces. They were fed by hand, bucket, round feeders. Eggs were collected by hand with bucket.

3. Engineers and scientists have improved habitats for chickens. How have farms changed?

- a. better housing with temperature and humidity controls
- b. better ways to feed and water the birds
- c. better medical care
- d. better transportation to get eggs to stores
- e. all of the above

4. Here is a diagram of the life cycle of a chicken. Circle each number that you saw in the video.



5. Today, thousands of people in Ohio work in the egg industry. List three jobs shown in the video.

Answers may vary, may include farmer, forklift operator, inspector, scientist, packer, machine operator.

6. Ohio farmers feed soybeans and corn to 30 million hens and 10 million pullets each year. Where does Ohio rank in egg production nationally?

- a. 2nd largest
- b. 14th largest
- c. 32nd largest
- d. 40th largest

7. How do egg and poultry farmers help take care of the environment?

- a. clean up after the birds
- b. manage waste
- c. test the soil and water
- d. all of the above

8. In the video a scientist was testing the soil and water in the cornfield. What measurement tool was he using?

Measuring cylinder

9. How do farmers prevent problems?

- a. separate chickens from other animals
- b. limit visitors who might spread germs or illnesses
- c. require visitors to change clothes
- d. all of the above

10. A systems engineer showed the steps for getting fresh eggs from the farm to the consumers. Number the five steps in the order in which they happen.

- 3 Candle the eggs
- 2 Wash the eggs
- 4 Package the eggs
- 1 Collect the eggs
- 5 Send the eggs to the store

11. Technology has changed the way eggs are candled. What do workers look for when they candle eggs?

Workers look for cracks and defects.

12. Choose one machine that you saw in the video. What job is the machine doing?

Answers may vary, may include: conveyor belts (moving eggs), combine(harvesting crops), forklift(moving packages), modern cage system (feeding, cleaning controlling environment-temperature/humidity, collecting eggs, removing waste), egg washing machine (washing eggs with water and brush), packaging machine (placing eggs in cartons).

13. Scientists have concluded that eggs are healthy for us to eat. Why? List three reasons.

Eggs are:
1. A good source of high-quality protein.
2. A source for 13 vitamins and minerals, including Vitamin D.
3. A good source for Choline and/or Lutein.

Date _____ Initial _____



The 4-H Pledge

I pledge
My head to clearer thinking,
My heart to greater loyalty,
My hands to larger service, and
My health to better living,
For my club, my community,
my country, and my world.

For more on ChickQuest, and other 4-H Science Alive projects, visit:

