

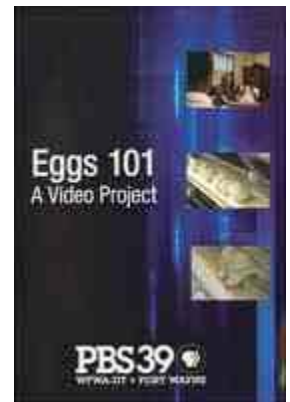
Name: _____

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Video: Eggs 101, A video project. PBS 29 WFWA-DT Fort Wayne

Learning Targets:

- Understand how to determine egg shell color
- Describe how an eggs is manufactured by the hen
- Understand how eggs are processed for the consumer
- Compare and contrast free range and cage production systems
- Comprehend the scope of the global and national egg supply



1. The hen's earlobe color determines
 - a. the feces color
 - b. the egg's yolk color
 - c. the egg's shell color
 - d. the egg's albumen color
2. In the US egg production system; the single comb, white leghorn is most widely used bird; list the benefits
3. Brown eggs are gaining popularity in the US, which breeds produce a brown egg?
 - a. Rhode Island Red
 - b. New Hampshire
 - c. Plymouth Rock
 - d. All the above
4. Define what happens in each part of the reproductive tract
 - a. The Ovary
 - b. The Ova
 - c. The Oviduct (what are the parts)
 - d. The Uterus
5. Which way is the egg laid?
 - a. Sideways
 - b. Backwards
 - c. small end first
 - d. large end first
6. A hen produces an egg is _____ hours and starts again in 30 minutes.
 - a. 10 – 12
 - b. 24 – 26
 - c. 20 – 24
 - d. 26 – 30

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7. The shell is comprised of what compound?
8. The yolk weighs _____ percent of the liquid weight and the albumen weighs _____ percent
 - a. 20, 80
 - b. 50, 50
 - c. 34, 66
 - d. 80, 20
9. The temperature in which an egg is laid is
 - a. 105oF
 - b. 100oF
 - c. 99oF
 - d. 106oF
10. The air cell forms in the egg as
 - a. The egg cools
 - b. The egg warms up
 - c. the chicken sits on it
 - d. because there is no rooster
11. The average egg production from one hen ranges from _____ per year.
 - a. 250 – 270
 - b. 300 – 305
 - c. 100 – 150
 - d. 50 – 100
12. Define “pecking order”
13. Describe the process of candling.
14. How has research improved the egg production industry in the US?
15. The major egg producing states in the US include
16. How many egg-laying hens are in the US today?
 - a. 100 million
 - b. 1 billion
 - c. 280 million
 - d. 280 thousand
17. What biosecurity measures do you see employees practicing when working at the farm
18. Describe the automated process for handling eggs
19. An egg will last _____ weeks in a refrigerator.
20. True or False The US produces 75 billion eggs per year, which accounts for 10% of the world egg production with China as the leading egg producing country.