

## Instructions

Normally a skill-a-thon is set up so that there are 4 stations and each exhibitor has 10 minutes at each station. This year (as with everything else this year) is going to be different and in the format of questions and answers. There is no time limit, so take your time and think out your answers.

That being said, the poultry skill-a-thon will be somewhat different yet. Poultry does not have a resource book, and we use the internet for much of our information. Each year at the first clinic, I go over the importance of using websites that give you resourceful information that is reliable. Make sure your sources are giving you information that is true and factual.

This year on the skill-a-thon, we are going to test your knowledge of using the internet to answer the questions. The skill-a-thon will be divided up into 4 different parts as usual, but the first part will be your internet sources. Every time you answer a question, you must list the web page it came from. The other 3 areas are: chick development, egg development, and general poultry information. You will receive points for the answer and points for if your source is a good source or not. There is one right answer that I am looking for as your source page, but I will accept different answers as long as they are a good resource. So DON'T PANIC, because there are multiple correct answers for your internet source answers.

You can copy and paste the website into your answer or just write the main page. I want to be able to type it into my search bar and find where you got your answers. If you find the answer on my YouTube channel, just list the name of the video. Note: To search for my YouTube channel, search for Arliss Meinerding and then click on Poultry.

Example: **Question – What are two chicken breeds that are raised for meat on pasture?**

Answer: **Cornish Rock Cross and Red Rangers** (These are just 2 that are acceptable answers.)

Website or YouTube page: **YouTube – Chicken Breeds for Meat on Pasture**

Another acceptable answer is: <https://farmmarketingsolutions.com/>

This website is managed by a small farmer who runs multiple businesses. He has written 3 books and has done many videos to help people learn how to successfully raise a profitable poultry program. He has a blog page also. When you first see his videos, you may write them off as unreliable sources or his personal opinions but if you take the time to investigate, you find that the information presented is reliable for you to use.

Your answers can be as long or as short as you want them to be as long as they answer the question. First-year kids need to think as this as a sort of challenge. Do your best and take your time. This is a hard year for you because you are really learning completely on your own.

Please complete this on your own. When you are finished save your file as Poultry First name Last name. Ex. Poultry Arliss Meinerding. Email your file to me at [arlissm10665@yahoo.com](mailto:arlissm10665@yahoo.com). If you have questions, you can email me at: [arlissm10665@yahoo.com](mailto:arlissm10665@yahoo.com). If need be, I will call you and talk you through your questions.

## Poultry Skillathon

**Juniors (8 to 12) need to answer at least 25 questions and Seniors (13 and up) need to answer at least 30 questions. Bonus points will be given for any answers above the required number. Be sure to list where you found your information.**

1. Where do you find information on the standard physical appearance of heritage breed poultry?

Answer:

Website or YouTube Video:

2. This is a non-profit statewide trade organization representing more than 600 Ohio egg, chicken, and turkey farmers.
3. This resource page is available through the OSU Extension to make articles, videos, and website resources available to 4H members.
4. How do chicks get oxygen in their eggs?
5. Human babies, calves, foals, pigs, and lambs don't breathe until they are born. Do chicks breathe before they hatch?
6. What day does the heart start to beat on an embryo in the egg?
7. What pattern does molting follow on birds? (name the order, hint: 5 areas)
8. How fast does a chicken's heart beat?
9. What are the 5 sections of the oviduct?

10. What are the 3 nutrients that are converted into the building blocks of the egg yolk and what fraction of each is used (i.e.  $1/8$ ,  $1/4$ ,  $2/3$ , etc.)?
11. It takes approximately 24 hours to make an egg. List how long a developing egg spends in each section of the oviduct once the ovary releases the yolk.
12. The egg is formed in the hen and then laid. There is one part of the egg that is formed after it is laid. What is it?
13. What is the difference between brown eggs and white eggs?
14. Do chickens ever have teeth?
15. What are two other names for the breast bone in chickens and turkeys?
16. Describe width and depth of body and what does the width and depth indicate?
17. Why does the judge ask to see the feet and legs of a bird?
18. Why should birds be removed and replaced into cages head first?
19. How can you tell an adult male turkey from a female?
20. What is bumblefoot?

21. Where is the axial feather and how many does a bird have?
22. How many eyelids does a chicken have and why?
23. At what temperature should eggs be incubated?
24. How many feather tracts do chickens have? Name them.
25. What are basic signs of good health in your chickens or turkeys?
26. What is biosecurity and why is it important to your flock of birds?
27. Many starter feeds are labeled “medicated”. What is the medication and for what reason is it in the feed?
28. How long does it take to hatch a chicken egg? Turkey egg? Goose egg? Duck egg? Muscovy egg?
29. It has been said that eggs are an almost perfect food, however they are missing one vitamin, what is it?
30. Why do you measure flexibility of the pubic bones?
31. What is a pullet? Hen? Cockerel? Cock?

32. What are the major external parasites of poultry? How do you perform a parasite check on your birds?
  
33. What categories of nutrients do poultry require each day? (Hint: there are 6)
  
34. What is the function of the uropygial (green) gland?
  
35. What is the most important nutrient for your birds?
  
36. What is the purpose of the combs and wattles on birds?