

Beef Skillathon 2023

Age Divisions: Junior (8-11) Intermediate (12-14) Senior (15-18)

Exhibitors will participate in age-based Skillathons. This study guide includes all topics an exhibitor **might** be tested on. Youth will only be tested on a portion of these items.

Station 1 Record Keeping

Project Book (1st year) - All relevant components of an exhibitor's project book must be complete

Record Book (2nd year +) – All components labeled “Required for Skillathon” must be complete

Station 2 Skillathon Kit Knowledge

Junior – Parts of a Beef Animal (pg. 2-2)

Intermediate – Feed Tag (pg. 7-2)

Senior – Wholesale Cuts of Beef (pg. 8-11 Figure 8.09)

Station 3 Quality Assurance

All Ages: Classes of Drugs: Over the Counter (OTC), Prescription – define, differences, examples or scenarios

Station 4 Interview

Junior

1. How did you select your beef project? What were you looking for? (Chapter 2)
2. What are some steps you can take to prevent diseases in your beef project? (pg. 5-1 – 5-2)
3. What do you like best about taking a beef project?
4. What breed is your beef project? What are the characteristics of this breed? (pg. 2-4)
5. What are the strengths and weaknesses of your project? (Chapter 2)
6. Who/what have you used as a resource to know how to raise your project?
7. What are 3 ways to keep your animal clean and healthy at fair?
8. Describe your animal's pen set up (pg. 3-1)
9. What have you done to practice setting up your animal? (pg. 9-13 – 9-18)
10. How often have you worked with your project? What are some things that you are doing to prepare to show at fair? (Chapter 9)



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Intermediate

1. Nutrition (Chapter 7)
2. Disease prevention (pg. 5-1)
3. Average Daily Gain (ADG)
 - a. Average Daily Gain (ADG) = The animal's beginning weight is subtracted from its current weight. The difference in weight is divided by the number of days that occurred between weights. Example:

$$(Current\ weight\ [870\ lbs] - beginning\ weight\ [624\ lbs]) / days\ [100] = 2.46\ lbs/day$$
4. Structure (pg. 2-12)
5. Project Expenses
6. Animal Selection (Chapter 2)
7. Housing (Chapter 3, pg. 7-23)
8. Fitting (pg. 9-6 - 9-9)
9. EPD (pg. 6-19)
10. Show Products (pg. 9-12)

Senior

1. Nutrition (Chapter 7)
2. Profit/Loss (Record Book/Project Book)
3. EPD (pg. 6-19)
4. Feed ingredients (pg. 7-2 - 7-7)
5. Showing beef (pg. 9-13 – 9-18)
6. Structure (pg. 2-12)
7. Disease prevention (pg. 5-1 - 5-2)
8. Injections (pg. 5-7)
9. Animal Selection (Chapter 2)
10. Identification Procedures (pg. 3-7)

Station 5 Interview about Project Goals

Youth will be asked questions related to the project goals they outline in the their project/record books.



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