



Wabash County 4-H Beef Worksheet



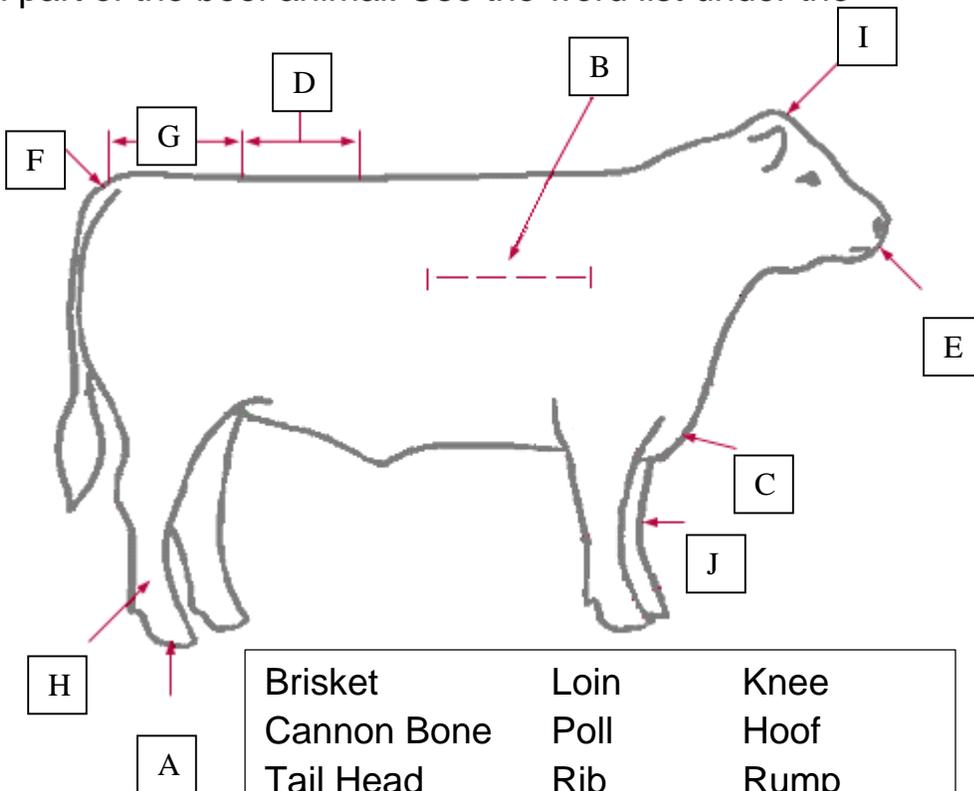
Grade 3

Name: _____ 4-H Club _____

Use Chapter 2 to answer the following questions:

1. Correctly identify each part of the beef animal. Use the word list under the picture to help you.

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____
- H. _____
- I. _____
- J. _____



Brisket	Loin	Knee
Cannon Bone	Poll	Hoof
Tail Head	Rib	Rump
Muzzle		

Use Chapter 3 to answer the following questions:

2. Write 3 things to look for that could cause harm to you or your animal?
 - a. _____
 - b. _____
 - c. _____

Use Chapter 9 to answer the following questions:

3. When talking about walking your cattle in the show ring, be sure to leave how much space between you and the cow in front of you?

_____ feet

Use Chapter 12 to answer the following question:

4. Who is the person that you need to contact if you have questions or concerns about your animal's health. _____

Use Chapter 11 to answer the following question:

5. When the best time is to dehorn a feeder calf.
- _____

Use Chapter 6 to answer the following question:

6. A cow will drink up to how much water in one day. _____

Use Chapter 7 to answer the following questions:

7. Find General Rules for Feeding Cattle. What time should you feed your cow?
- _____

Answer the following general questions:

8. What type of housing do you provide your cattle? How do you know it is safe.
- _____
- _____
- _____
- _____

9. Who are the people that you could ask to help you with your project?
- _____

10. List the things that you had to buy for your cow this year.
- _____
- _____
- _____
- _____



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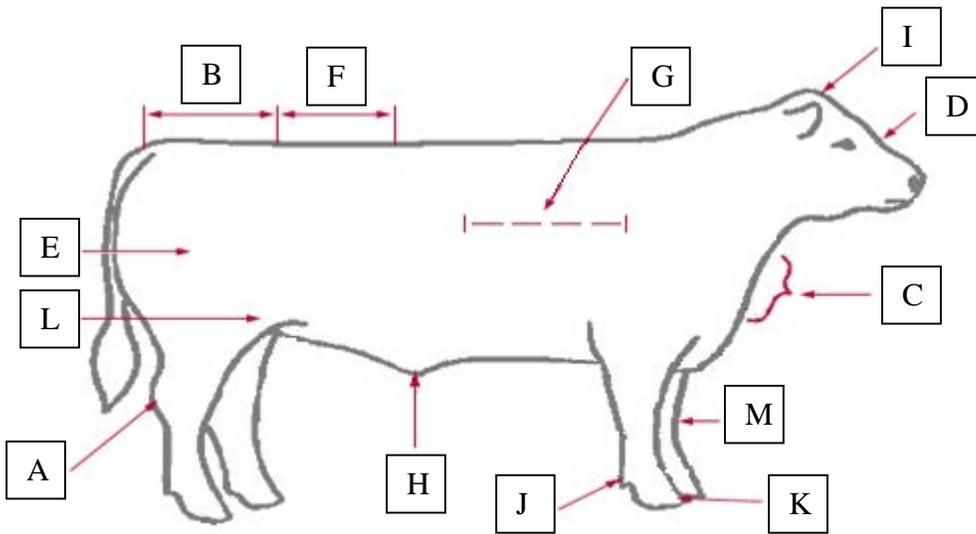
Grade 4



Name: _____ 4-H Club _____

Use Chapter 2 to answer the following questions:

1. Label the parts of the beef animal using the word list below the picture.



- | | | | | |
|--------|---------|----------|------|--------------|
| Face | Loin | Knee | Hock | Dewlap |
| Hoof | Poll | Rib | Rump | Stifle Joint |
| Sheath | Quarter | Dew Claw | | |

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____
- H. _____
- I. _____
- J. _____
- K. _____
- L. _____
- M. _____

Use Chapter 4 to answer the following questions:

2. Young farm animals can build relationships with other animals and human handlers.

Bad relationships can be made if an animal is _____,
 _____, _____, _____, or
 _____, causing it to naturally fear being approached.

3. List 3 common problems that should be avoided to stay safe.

- a. _____
- b. _____
- c. _____

Use Chapter 5 to answer the following question:

4. Consider important parts of disease prevention. _____ are put into the body to help produce immunity against diseases.

Use Chapter 7 to answer the following question:

5. You need to keep feed that is _____ and remove old feed that is _____ or _____.

Use Chapter 3 to answer the following question:

6. When breaking a calf to lead, what is one thing that the handler can do while leading the animal to prevent it from escaping?

Use Chapter 9 to answer the following question:

7. At Showtime, _____ boots should be worn for _____ and _____ reasons. Also wear nice jeans and a nice _____ or _____ shirt.

Answer the general questions below:

8. List 3 things that you learned about caring for your calf this year.

9. Explain the types of food that you provided for your animal. Include things such as where you got it from and what is in it.



Wabash County 4-H Beef Worksheet

Grade 5

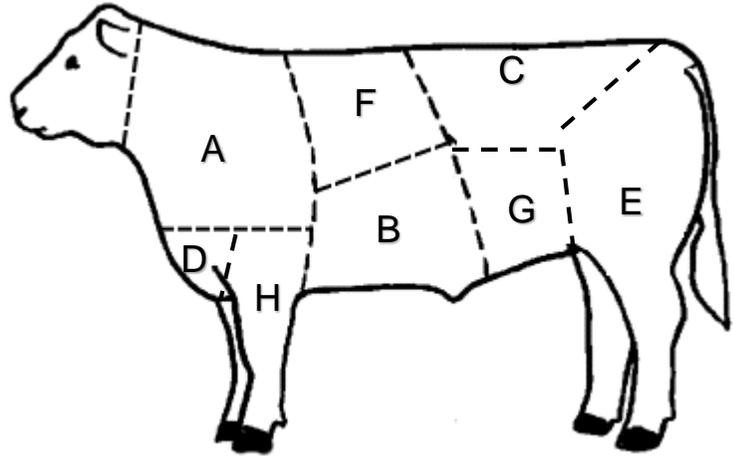


Name: _____ 4-H Club _____

Use Chapter 8 to answer the following questions:

1. Identify Wholesale Cuts of Beef

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____
- F. _____
- G. _____
- H. _____



Use Chapter 9 to answer the following questions:

2. This chapter stresses the importance of being _____ and _____ when halter breaking your calf and that _____ reward is important.
3. Success in beef cattle showmanship starts at _____. Training your animal to walk, stop, and set up _____ will take _____ and _____. Practice in several _____ segments, not _____ sessions.
4. How often and for how long do you work with your animal every week?

Use Chapter 7 to answer the following question:

5. Cows are _____ because they have a four compartment stomach. What are the four parts?
 - a. _____ b. _____
 - c. _____ d. _____

Use Chapter 4 to answer the following question:

6. Animals have a _____ that humans should be aware of and respect.
Give the animal time to _____ to help prevent severe animal reactions.

Use Chapter 5 to answer the following question:

7. When you have to give an injection, you pick up the fold of skin on the _____ or _____.

Use Chapter 6 to answer the following question:

8. Study the 3 stages of calving. Stage 1 is _____ and the uterus will contract every _____ minutes. Stage 2 is _____ and the _____ should appear first as the calf is delivered. Stage 3 is the _____, which is usually released _____ after the calf is born.

Use Chapter 3 to answer the following questions:

9. List the four different forms of identification procedures.
a. _____ b. _____
d. _____ d. _____

10. What type of identification does your cow(s) have and what was the process that it took to do that?

11. The space used for your animal should be adequate for _____ and have access to _____ and _____.

12. List 3 things that you have learned from your project this year.

- 1) _____

2) _____

3) _____



Wabash County 4-H Beef Worksheet



Grade 6

Name: _____ 4-H Club _____

Use Chapter 9 to answer the following question:

1. What is the difference in how to set your cow's feet if the judge is in front of the cow as opposed to viewing it from the side?

Use Chapter 7 to answer the following questions:

2. What are the five essential nutrients for beef cattle.

a. _____ b. _____ c. _____
d. _____ e. _____

3. How do you make sure that your cow(s) get ALL these essential nutrients?

4. Review the section on roughage. How many pounds of hay should you feed daily? _____.

It is always important to investigate your hay for what? _____.

Use Chapter 2 to answer the following questions:

5. What trait often does not receive enough emphasis in the selection process? _____

6. What are three disadvantages to a calf with a poor disposition?

Use Chapter 11 to answer the following questions:

7. Fill in the the blanks about Getting Ready for Show. Use a _____ to make setting up your animal easier. As you lead your animal hold the _____ in your _____ hand and the _____ in the _____ hand.

Use Chapter 6 to answer the following questions:

8. List the three mating systems.

a. _____ b. _____ c. _____

9. List two reasons to use A.I.

Use Chapter 10 to answer the following questions:

10. Identify the 4 influences of the value of market animals.

a. _____ b. _____
c. _____ d. _____

11. How does location influence market animal's value and what effect does it have on the animal?

Use Chapter 12 to answer the following question:

12. Review Quality Assurance Factors. What are the four topics important to livestock quality and to the producer and describe them.

- 1) _____

- 2) _____

- 3) _____

- 4) _____

13. Describe how you chose to show the cattle that you have. _____



Wabash County 4-H Beef Worksheet

Grade 7



Name: _____ 4-H Club _____

Use Chapter 5 to answer the following questions:

1. Review Beef Cattle Diseases. What is the cause of bloat and how can you help prevent it?

Use Chapter 6 to answer the following questions:

2. List the two ways that crossbreeding helps increase overall performance of the offspring, then answer how you decide to implement a crossbreeding system?

3. What are the four Traits of Economic Importance identified in this chapter?

- a. _____ b. _____
 c. _____ d. _____

Use Chapter 7 to answer the following questions:

4. Energy that provides the most to cattle comes in the form of _____ and _____ . The two most common methods to measure energy level are:

_____ & _____

5. In the feed you give your animal, which of the listed high energy grains do you provide to your cattle? _____

Use Chapter 13 to answer the following question:

6. Explain why livestock waste must be handled properly.

Use Chapter 10 to answer the following questions:

7. This chapter stresses the importance of knowing and understanding the different types of markets.

Explain how the following markets work:

- a. auction market: _____

- b. livestock dealers: _____

- c. direct-to-packer sales: _____

Use Chapter 12 to answer the following questions:

8. Instructions for giving injections to your animal are provided. Which type of injection is preferred and how do you perform this safely? _____

9. List the Six Pillars of Character.

- a. _____ b. _____
- b. _____ d. _____
- e. _____ f. _____

10. Choose one Pillar of Character and describe how you could practice that pillar.

11. What are some ways that you could teach younger 4-H members about ethics and the 6 Pillars of Character when showing livestock?



Wabash County 4-H Beef Worksheet

Grade 8



Name: _____ 4-H Club _____

Use Chapter 12 to answer the following questions:

- Without naming any names, discuss a practice that you have seen or heard about that you think was an unethical practice in relationship to showing an animal.

- In thinking about your answer to number 1, why do you feel that this practice was wrong?

Use Chapter 13 to answer the following questions:

- As a 4-H beef producer you serve as a _____ for the beef industry.
- Given the economic and social climate under which beef producers are currently operating, why is good record keeping an absolute must.

- Why are aesthetics and neighbor relations important in livestock relations?

- What are the two major air quality concerns?

a. _____ b. _____

Use Chapter 3 to answer the following questions:

7. The _____ (also known as the bowknot or reefer's knot) is the standard knot used to tie an animal to a post or stall at the fair.
8. Knot users consider the _____ knot one of the most useful knots. It is a nonslip knot, as such it can be used to form a loop that will not tighten or draw down.

Use Chapter 5 to answer the following questions:

9. There are two types of flies that are major pests to cattle: the _____ fly and the _____ fly.
10. Face flies cluster around the head and face, and they irritate the eyes. Face flies may also spread the infection called _____.
11. Grubs, which is part of the life-cycle of the Heel Fly (Warble Fly) is another pest of cattle producers. Grubs can cause significant economic loss as a result of reduced _____, damage to the _____ and lower _____ values.

12. Identify and describe four of the seven treatments used to control external parasites.

13. Identify and describe the four ways used to treat cattle for internal parasites:

14. Ringworm is a _____ that gets into the skin and develops a rough skin condition where the hair drops out in patches. You can get ringworm on your skin by handling infected cattle. You should wear _____ when handling infected animals.



Wabash County 4-H Beef Worksheet

Grade 9



Name: _____ 4-H Club _____

Answers to these questions can be found in the “Beef Resource Handbook” 4-H 117R

Use Chapter 12 to answer the following questions:

1. What is extra-label drug usage? When is allowed? Who can prescribe or order it?

2. It is June 1 and your 1200 lb heifer that you registered for 4-H has an infection. Use the medication label on page 12-10 in your beef manual to complete the following chart.

Treatment Date & Time	Animal ID Species Description	Condition Being Treated	Estimated Weight	Treatment Given (Medicine)	Print Name of Person Who Gave Treatment	Instructed Withdrawal	Results Comments	Date & Time Withdrawal Complete (meat/milk)	Vet Name address Phone

3. It is difficult for some to understand why it is necessary for 4-H members to know and abide by withdrawal times when they “just want to show at the 4-H fair.” Why do you think it is important for 4-H members to understand and follow withdrawal time? Can you show the above animal at the county 4-H fair? Be sure to consider whether or not 4-H beef have an impact on the beef market.

4. Think of a beef health concern you have dealt with either this year or in the past. How did you ensure that you provided care in a way that was safe and by disease maintenance standards?

5. List some benefits you have gained from your past show ring experiences.

6. Describe what you feel is appropriate behavior when you win.

7. What behavior is appropriate when you don't place where you had hoped?

Use Chapter 8 to answer the following questions:

8. The book identifies 2 different categories of beef by-products. Identify the two categories of beef by-products. Then complete the chart with examples of each.

_____ By-Product	_____ By-Product



Wabash County 4-H Beef Worksheet



Grade 10

Name: _____ 4-H Club _____

Use Chapter 11 to answer the following questions:

1. Explain why dairy beef production is a growing interest. List two reasons from the introduction.

2. Explain one of the identified processes of dehorning a dairy beef feeder calf.

3. What are three dairy beef health concerns identified in the resource manual?

a. _____ b. _____ c. _____

4. After reading the introduction in chapter 11, explain why dairy steers show in the Beef Show rather than the dairy show.

5. _____ are an excellent way to house dairy beef feeder calves before weaning.

Use Chapter 15 "Careers in Animal Science" to help you with the following questions.

6. Identify some animal science careers that are directly related to skills learned in the beef project.

7. 4-H livestock projects teach about animal science. Identify some skills or knowledge you have gained in the 4-H beef project that could relate to a career in the field of animal science.

8. Based upon reading and personal experience, what are some ways Agribusiness plays a role in the 4-H program?

Use Chapter 12 to answer the following questions:

9. Could you be a “winner” showing an animal without getting a champion ribbon? Explain.

10. What are some methods that Wabash County could implement to start recognizing exhibitors for skills gained through livestock projects/shows? This would be in addition to awards and recognition received in the show ring.

Use Chapter 14 to answer to following questions:

11. There are often public misconceptions surrounding how animals are cared for and handled. Based on the information presented in this chapter, what should you do as a 4-H member if you are confronted by someone from the public with some of these misconceptions?



Wabash County 4-H Beef Worksheet: Grade 11



Name: _____ 4-H Club: _____

Use the "Beef Resource Handbook" 4-H-117R for assistance with completing this worksheet.

This year, you will track your expenses and complete the following chart to help you learn about the costs associated with keeping livestock. You may choose to monitor expenses for 1 particular animal or total expenses if fed by group. Please keep detailed records.

Date	From whom purchased	Description of item	Quantity	Total Expenses-- Value or Amount Paid \$	Animals ¹ \$	Feed ¹ \$	Breeding fees, implants, vet & medical fees \$	Manure disposal bedding & trucking	Fencing, buildings, machinery & supplies ² \$	Interest, insurance, depreciation & taxes \$
<i>Jan. 2</i>	<i>Father - home grown</i>	<i>shelled corn</i>	<i>10 bushels</i>	<i>40.00</i>		<i>40.00</i>				
Totals										
Average expense per animal										

Cost or value--home raised or purchased. The cost of these items should be spread over their years of usable life. For example, the usable life of a \$500 fence may be 20 years. Therefore, \$500 divided by 20 years equals \$25 per year.

Record Summary

	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	Total
a. Total expenses (page 2)							
b. Total receipts (page 3)							
c. Profit or loss (b - a)							

d. Hours of Labor for actual production _____ e. Hours of labor for show preparation _____ f. Profit or loss per productions hours _____

What are your annual costs of keeping each animal?

How could you lower your annual costs?



Wabash County 4-H Beef Worksheet

Grade 12



Name: _____ 4-H Club: _____

The questions on this year's worksheet are to encourage you to set goals and reflect upon what you learned during your 4-H tenure. As you answer the questions, think about what you learned in 4-H and what you would like to get out of your final year in the beef project. Your worksheet grade will be based upon how completely and thoughtfully you answer each question.

1. When you turn in this worksheet, include a picture of yourself with your favorite beef animal.
2. What are your goals for the beef project this year?

3. What steps will you take to meet your goals?

4. In what ways have you mentored younger 4-H members in the beef project?

5. How has your experience in the beef project help you to become a better leader and/or citizen?

6. Describe some skills you have learned through participation in the 4-H beef project.
