



Mini 4-H

Farm Animals:

Beef



We would like to thank Elkart County 4-H & Karla Smith, Program Assistant-Purdue Extension Hendricks County for sharing their work with us. This manual utilizes parts of each of their work.

Tippecanoe County Mini 4-H Farm Animal: Beef Manual
March 2020



4-H Facts



The 4-H Symbol: A four leaf clover with an “H” in each leaf.

4-H Colors: Green and White

The 4-H Motto: To make the best better!

The 4-H Pledge:

I Pledge

My Head to clearer thinking

My Heart to greater loyalty

My Hands to larger service

My Health to better living

For my Club,

My Community,

My Country,

and my World.



Mini 4-H Parent's Page



We welcome you and your child to the Mini 4-H program. Mini 4-H is for children in kindergarten, first and second grades during the current 4-H year. Mini 4-H is designed to supplement and introduce Mini 4-H to the Tippecanoe County 4-H program.

As a Mini 4-H parent, your job is to guide your child through the activities. It is suggested that you do not complete the activities for them. Instead, help them, guide them, work with them, and let them do all that they possibly can. Learning by doing is the best educational tool that we can provide for our youth.

Additionally, the Mini 4-H program is set up to allow your child to exhibit a project at the 4-H Fair. This project is based on information within this manual. The 4-H Fair is an exciting time for 4-H members and families. It is a week that allows community youth to showcase their talents, interests and enthusiasm for learning.

Mini 4-H is fun! Your child will certainly enjoy it. You can have fun too, by guiding and helping as your child participates in the program. Encourage and praise your child as he/she has fun learning and sharing with you.

Knowledge for Every Grade Level

Beef cattle give us lots of meats. The hamburger is the most famous. Beef cattle also give us leather, gelatin, medicines and glue. These are all things that we use every day.

A young female that has not had a calf is called a heifer. The adult female is called a cow. The adult male is called a bull or steer. All young beef cattle are called calves.

Some beef cattle have horns and others are polled. Polled means they were born without horns.

There are over 50 breeds of beef cattle in the United States. Each breed has unique traits.

Kindergarten

Each Mini 4-Her to complete the project will complete the beef cuts activity, read (or have an adult read) one book about beef cattle and answer the questions below and complete and exhibit the What Do Beef Cattle Give Us? activity.

Book

Read (or have an adult read) 1 book about beef cattle and answer the questions below.

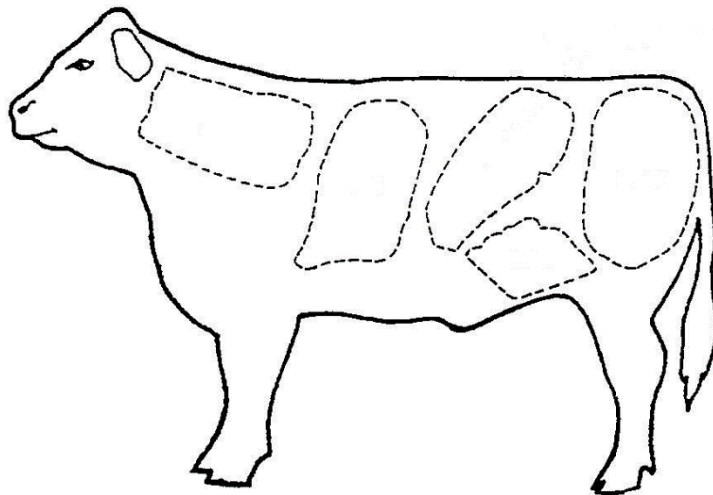
1. What book did you read?

2. What did you learn from the book?

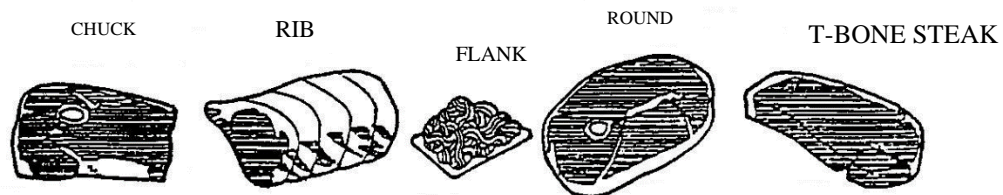
3. What was your favorite part of the book?

Beef Cuts

Look at the cow in the picture. Then cut out the favorite meat cuts and glue them on the beef cattle in their proper place.



cut here



Major cuts from the forequarter
(or front) are chuck and rib.

Hindquarter cuts are loin and round.

CHUCK
Arm Pot-Roast
or Steak Rib

RIB
Rib Roast
Small End

FLANK
Hamburger

ROUND
Round

LOIN
T-Bone Steak

What did you learn?

What is your favorite beef food? _____

What Do Beef Cattle Give Us?

Needed Materials:

- 12x12 poster board or 12x12 scrapbook paper
- Pictures
- Glue
- Pencil
- Any other embellishments you would like

Directions:

1. With an adult, discuss all the different food items you enjoy that are made entirely or in part with a beef product. Try to see how many you can come up with. For example, if you love hamburger pizza, you could include this because hamburger is made from beef.
2. Then find pictures of the foods you discussed and cut them out. If you cannot find a picture, you may draw one.
3. Label your poster board with the title What Do Beef Cattle Give Us?.
4. Neatly attach each picture to the poster board.
5. Label each picture.
6. Embellish your poster board if you like.
7. Make sure that your work is neat and readable.

1st Grade

Each Mini 4-Her to complete the project will complete the beef cuts activity, read (or have an adult read) one book about beef cattle and answer the questions below and complete and exhibit the farm diorama activity.

Book

Read (or have an adult read) 1 book about beef cattle and answer the questions below.

1. What book did you read?

2. What did you learn from the book?

3. What was your favorite part of the book?

Beef Cuts

Visit the interactive website below to answer the questions. Be sure to hover your mouse over each cut.

https://www.primermagazine.com/2012/learn/visual-guide-to-the-common-cuts-of-beef?utm_content=buffer16784&utm_medium=social&utm_source=pinterest.com&utm_campaign=buffer

1. What steak is a tough cut that softens with slow cooking?
2. What steak is a tough cut that softens with marinating?
3. Which is the less meaty cut of ribs?

4. Which cut was developed by teams from the University of Nebraska and University of Florida?
5. What roast is commonly used for pot roast?

What did you learn?

What is your favorite beef food? _____

Were you surprised to learn what meats came from beef cattle? _____

What food surprised you the most? _____

Cattle Farm Diorama

Needed Materials:

- Shoe box (Those with attached lids work very well, but not necessary.)
- Miniature cattle (Dollar Tree often carries them. You can also make your own with clay or paper.)
- Any farm related items (rocks, grass, fencing) to make your farm surroundings
- Construction Paper/Computer Paper
- Markers or Water Based Paint (optional)
- Paint Brush (optional)
- Glue/Clay

Directions:

1. Trace the bottom of your box on a piece of paper. Trace the side of your box on a piece of paper. Cut the pieces out.
2. Color, paint, or draw a background for your farm on the papers. Glue the pieces to the inside of your box.
3. Draw or make animals for your farm.
4. Arrange the animals how you want them in your box.
5. Add ponds, barns, or other items. Be creative!

2nd Grade

Each Mini 4-Her to complete the project will complete the read (or have an adult read) two books about beef cattle and answer the questions below, complete the beef anatomy activity and complete and exhibit the farmer activity.

Book 1

Read (or have an adult read) a book about beef cattle and answer the questions below.

1. What book did you read?

2. What did you learn from the book?

3. What was your favorite part of the book?

Book 2

Read (or have an adult read) a second book about beef cattle and answer the questions below.

1. What book did you read?

2. What did you learn from the book?

3. What was your favorite part of the book?

Beef Anatomy

Visit the website below to study beef anatomy. When you are ready, click next button on the screen. On the next page click play button and complete the activity. Before you close out of the website print a copy of your work and attach it to this manual.

http://www.geauga4h.org/beef/beef_body.htm

Farmer Activity

Interview a beef farmer, preferably at their farm. Ask them the questions below and any others you would like. Share what you learned by either making a scrapbook page, writing a story, or any other creative means you choose. Be sure to make sure the information you learned from the farmer is conveyed and that your project is no bigger than 12X12.

1. Why did you choose to become a beef farmer?
2. How long have you been a beef farmer?
3. How many head do you raise?
4. What do you feed the cattle?

Record Sheet

Name _____ Grade _____

Why did you choose this project? _____

How much time did you spend on this project? _____

Who helped you with your project? _____

What is the most important thing you learned in this project? _____
