Reference Material: The following 4-H bulletin is available at the St. Joseph County MSU Extension office – 4-H 111, Beef Breeding Handbook Level 1.

Name: ________________________________ Birth Date ___ / ___ / ___

4-H Club: ________________________________ Age by January 1 of current year: ________

Number of years completed in this project: _____

Provide information on one (1) of your breeding stock animals:

Breed(s): ________________________________ Sex: Male _____ Female _____

Registration Name: ________________________________ Registration Number: _______________

Horned _____ Polled _____

Tattoo: _______ RE _______ LE

Date of Birth: ________________ Birth Weight: ________________

- What are your future plans for your breeding heifer/bull? ________________

- What is the gestation period of a breeding heifer? ________________

- What do you look for when selecting a breeding heifer/bull? ________________

- What are EPD’s and why are they useful? ________________
• Cattle can be bred by natural service and artificial insemination. Explain the difference between the two: 

• What are the four (4) compartments of a ruminant’s stomach, and the function of each?
  1. 
  2. 
  3. 
  4. 

• A heifer will repeat a heat cycle every ____________ days.

• List the three (3) stages of calving:
  1. 
  2. 
  3. 

• List four (4) ways to prevent disease problems in your herd:
  1. 
  2. 
  3. 
  4. 

• How long should new breeding stock be isolated from the rest of the herd after being brought to your farm? __________
  Why is this a good management practice? ____________________________

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Start expense record in October or in earliest month you took ownership of your project animal.

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* List “other” expense items:

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2. ____________________________
3. ____________________________
4. ____________________________
5. ____________________________