MECOSTA COUNTY 4-H GOAT PROJECT AREA
NOTEBOOK GUIDELINES
GOAT EDUCATIONAL NOTEBOOK # 1

Items A, B, C, and D are required for notebook #1

A. Decorative Cover
B. Title Page
C. Table of Contents and Notebook Guidelines
D. Place the year that you complete each page in the lower right corner of each page.

Level One (1) Goat notebook options:

Options #1   -First year complete 6 of the following items.
             -Second year complete the remaining 6 items.

Option #2    - First year complete all 12 items.

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Year
Completed

_____ 1. Describe and tell the important characteristics of (3) breeds of goat.
         Start with your own and (2) others. Include body type, breed standard and uses.

_____ 2. Identify and label the parts of the goat. Diagram on page 2.

_____ 3. List the equipment/tack you will need to show your goat.

_____ 4. Explain the following terms; registered, purebred and crossbred.

_____ 5. Define the term disqualification. Give examples of temporary and permanent disqualifications.

_____ 6. What tag(s) are market goat required to have in order to show and why?

_____ 7. Describe the cause, symptoms, treatment and prevention of pneumonia.

_____ 8. Explain the proper procedure when handling a goat. (Hand position, tack used, your behavior)

_____ 9. Describe and draw a diagram of your housing area and the equipment you use in
       the care of your goat. May use a photograph with your written explanation.

_____ 10. Describe your feed program, including the nutritional value breakdown of protein,
        fat and crude fiber.

_____ 11. Keep a record of your goat and expenses incurred. Include in your notebook.

_____ 12. Include pictures of your goat and awards you may have accomplished.
MECOSTA COUNTY 4-H PROJECT AREA
NOTEBOOK GUIDELINES
GOAT EDUCATIONAL NOTEBOOK #2

Items A, B, C, D, and E are required for notebooks 2-4

A. Decorative Cover
B. Title Page
C. Table of Contents and Notebook Guidelines
D. Your 4-H Story (Tell about your goat project- where you obtained, your goals etc.)
E. Place the year you complete each page in the lower right corner of each page

Level Two (2) Goat notebook options:

Option #1 - Third year complete 6 of the following items
            - Fourth year complete the remaining 6 items

Option #2 - Third year complete all 12 items

<table>
<thead>
<tr>
<th>Year Completed</th>
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</thead>
<tbody>
<tr>
<td>1. Describe and tell the important characteristics of (3) breeds of goat, (1) must be a dairy goat breed. Total of (6) in notebook. Include body type, breed standard and uses</td>
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<tr>
<td>2. Identify and label parts of the digestive system. Diagram on page 2.</td>
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<td>3. Describe the symptoms, cause and treatment of roundworms, enterotoxemia, and coccidiosis.</td>
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<td>4. Describe the daily feed requirements of grain, hay and water (in pounds) for both milking does and market goats and list (2) minerals goats require.</td>
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<td>5. Describe the proper procedure for trimming hooves.</td>
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<td>6. Define twist depth and how it affects meat goats.</td>
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<td>7. Explain the difference between a buck and a wether and why you would keep a ram intact or castrate.</td>
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<td>8. Identify three parasites that affect goat.</td>
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<td>9. Describe a trip you took to a goat show, goat farm or any other goat event.</td>
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<td>10. List what vaccines should be administered to goat.</td>
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<td>11. Continue your goat records for breeding, feeding, and expenses. Include in notebook.</td>
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<tr>
<td>12. Include pictures of you and your goat and any ribbons/awards you may have won at fairs/shows.</td>
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</tbody>
</table>

Page 1 Notebook 2
Digestive System

Word Bank

Large Intestine
Cecum
Abomosum

Reticulum
Small Intestine
Omasum

Rumen
Esophagus

Page 2 Notebook 2

Year Completed ______
MECOSTA COUNTY 4-H GOAT PROJECT AREA
NOTEBOOK GUIDELINES
GOAT EDUCATIONAL NOTEBOOK # 3

Items A, B, C, D and E are required for notebooks 2-4

A. Decorative Cover
B. Title Page
C. Table of Contents and Notebook Guidelines
D. Your 4-H story (Tell about your goat project—where you obtained, your goals etc.)
E. Place the year that you complete each page in the lower right corner of each page.

Level Three (3) Goat notebook options:

Options #1 - Fifth year complete 6 of the following items.
- Sixth year complete the remaining 6 items.

Option #2 - Fifth year complete all 12 items.

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Year Completed

_____ 1. Describe and tell the important characteristics of (2) “dairy breeds” and (2) “meat breeds”. Total of (10) breeds in notebook. Include body type, breed standard and country of origin.

_____ 2. Identify and label the parts of the reproductive system. Diagrams on page 2.

_____ 3. Define the following terms; ovary, cervix, oviduct, scrotum, testis and seminal vesicle.

_____ 4. List (6) kidding supplies you should have available and why you would use them.

_____ 5. List (4) possible kid loss reasons and how to avoid them.

_____ 6. List the normal vital signs of goats. Include pulse, respiratory rate, rumination and rectal temperature.

_____ 7. Describe the desirable characteristics of the goat’s loin, shoulders and legs.

_____ 8. List two food products goats provide and include (2) recipes containing either one.

_____ 9. Define the disease Orf, its symptoms, if it can be transmitted to humans and how to protect yourself from being exposed to it.

_____ 10. List what techniques are used to deworm a goat.

_____ 11. Continue your goat records for breeding, feeding, and expenses. Include in notebook

_____ 12. Include pictures of you and your goat and any ribbons/awards you may have won at fairs/shows.
Reproductive Systems

Doe Word Bank
Hymen
Ovaries
Vulva
Uterine Horns
Cervix
Urethra
Vagina
Oviducts
Vaginal Vestibule

Ram Reproductive Parts
Bladder
Anus
Scrotum
Penis
Ampula
Prostate
Seminal Vesicle
Urethra
Vas Deferens
Prepuce
Tail of Epididymis
Urethral Process
Urethral Gland
Body of Epididymis
Tetis
Head of Epididymis
MECOSTA COUNTY 4-H GOAT PROJECT AREA
NOTEBOOK GUIDELINES
GOAT EDUCATIONAL NOTEBOOK # 4

Items A, B, C, D and E are required for notebooks 2-4

A. Decorative Cover
B. Title Page
C. Table of Contents and Notebook Guidelines
D. Your 4-H story (Tell about your goat project- where you obtained, your goals etc.)
E. Place the year that you complete each page in the lower right corner of each page.

Level Four (4) Goat notebook options:

Options #1    -Seventh year complete 6 of the following items.
              -Eighth year complete the remaining 6 items.

Option #2    - Seventh year complete all 12 items.

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</table>

_____ 1. Describe and tell the important characteristics of (2) uncommon breeds of goat. Total of (12) in notebook. Include body type, breed standard, uses and their country of origin.

_____ 2. Describe how to shear an angora goat and for what purpose you would do so.

_____ 3. List (4) disqualifications that would disqualify your market goat project.

_____ 4. List (6) poisonous plants your goat could come into contact with and where there would be found.

_____ 5. Describe (3) marketing techniques and the current market price for goat.

_____ 6. Explain the difference between wholesale cuts and retail cuts.

_____ 7. Label the diagram of wholesale cuts of meat. Diagram on page 2.

_____ 8. Identify (3) goat cuts and locate what part of the carcass each cut is found and name one of the skeletal bones found in each cut. Page 3 of notebook.

_____ 9. Label and complete the Goat Health Problem chart on page 4 of notebook.

_____ 10. Describe the pros and cons of breeding or purchasing a market goat project.

_____ 11. Continue your goat records for breeding, feeding, and expenses. Include in notebook.

_____ 12. Include pictures of you and your goat and any ribbons/awards you may have won at fairs/shows.
Wholesale Cuts of Meat

Word Bank for wholesale cuts

Fore Quarter  Loin  Leg Cuts
Rack       Leg Chump On  Tenderloin
Short Loin  Square Cut

Page 2 Notebook 4

Year Completed _____
# Identifying Goat Retail Cuts

<table>
<thead>
<tr>
<th>Retail Cut</th>
<th>Wholesale Cut</th>
<th>Skeletal Bone</th>
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<tbody>
<tr>
<td>Example:</td>
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<tr>
<td>Leg Roast</td>
<td>Leg</td>
<td>Femur (leg bone)</td>
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Page 3 Notebook 4

Year Completed _____
MECOSTA COUNTY 4-H GOAT PROJECT AREA
NOTEBOOK GUIDELINES
GOAT EDUCATIONAL NOTEBOOK ADVANCED

Items A, B, C and D are required for the Advanced notebook.

A. Decorative Cover
B. Title Page
C. Table of Contents and Notebook Guidelines
D. Place the year that you complete each page in the lower right corner.

Level Advanced  Goat notebook options:

Options #1  -Ninth year complete 6 of the following items.
- Tenth year complete the remaining 6 items.

Option #2  - Ninth year complete all 12 items.

<table>
<thead>
<tr>
<th>Year</th>
<th>Completed</th>
</tr>
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<tbody>
<tr>
<td>_____</td>
<td>1. Describe and tell the important characteristics of (2) breeds of goat. Total of (14) in notebook. Include body type, breed standard, uses and their country of origin.</td>
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<tr>
<td>_____</td>
<td>2. Give (5) examples each of ethical and non ethical situations relating to raising and/or showing goats. (examples; helping younger members, painting your goats underside black before a show)</td>
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<td>_____</td>
<td>4. Choose a topic relating to the goat industry and present arguments from both the animal welfare view and the animal rights view. (Ex: Increasing wolf population and how it affects goat farmers)</td>
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<tr>
<td>_____</td>
<td>5. Find and take pictures of (2 to 4) goats and judge and present reasons on your placings. Be sure to include Pictures. Use comparative terms. An example reason note card and examples of terms are provided on page 3.</td>
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<tr>
<td>_____</td>
<td>7. Explain why treatment records are important and list (3) medications given to goat, how they are administered, withdrawal time and rather the medication affects milk or meat.</td>
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<td>_____</td>
<td>8. Create a game complete with rules to help a younger member to learn more about goats.</td>
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<tr>
<td>_____</td>
<td>9. Describe a trip you took to a goat show, goat farm or any other goat event and why you would recommend to a younger member to do so.</td>
</tr>
<tr>
<td>_____</td>
<td>10. Continue your goat records for breeding, feeding, and expenses. Include in notebook.</td>
</tr>
<tr>
<td>_____</td>
<td>11. Include pictures of you and your goat and any ribbons/awards you may have won at fairs/shows.</td>
</tr>
<tr>
<td>_____</td>
<td>12. Write a brief summarization of your 4-H experience and how it has impacted your life.</td>
</tr>
</tbody>
</table>

Page 1 Notebook Advanced
Market Goat Class

Goat 1          Goat 2            Goat 3                        Goat 4

Write reasoning’s here (attach separate sheet if additional lines are needed)

__________________________________________________________________________________________
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Example Reason Note Card

I placed this class of market goats; 2, 4, 1, 3.

In the top pair I placed 2 over 4. I started with 2 because ________. 2 was more ________. I grant 4 was ____________, yet I recognized and faulted 4 for _____.

In the middle pair I placed 1 over 3. 1 was _______ more so than 3. I grant he was ______________ but I Criticized 3 because he was ______________ and Therefore was placed last.

Remember you want to compare the animals more so than describing them. You will want to bring out more important and general points first. State major differences. Keep your responses short and to the point.

Examples of Comparative Terms

Frame and Scale;
- Longer bodied
- Greater capacity
- Width
- Twist depth

Structural Correctness;
- Squarer, stronger leg structure
- Leveler, stronger top
- Slope of back

Carcass;
- Longer, leaner
- Balanced
- Carcass to bone ratio

Use terms to lead intro;
- I grant
- On the other hand
- I admit