

# Herd Management

## Unit Outline

1. Project Team Members: James Stutzman, Jeff Marteeny

2. Title of Course: Animal Science

3. Title of Unit or Project: Herd Management

4. Approximate length of Unit or Project: 3 Weeks

5. Brief description of the Unit or Project with an expected final outcome:

Students will be able to work in small groups and individually to learn about herd management. They will explore career opportunities. The student will present an oral presentation and as a group be able to judge quality of herd management.

6. Major Goals of Unit:

- a. The student will demonstrate an understanding of quality herd management.
- b. Analyze herd strengths and weakness, and identify herd traits and other management factors.

7. Sequence of balanced and integrated activities for students:

- a. Herd management strategies – the group will develop a herd with two different problems and present several solutions to the problems. Develop a herd management plan based on size of operation. (Rubrics #1)
- b. The individual student must use PowerPoint presentation showing good herd management practices vs bad management practices. (student uses digital camera to photo real situations-Rubric #2)
- c. The group of classmates will develop a timeline for implementing a profitable herd management plan. (group will present ideas goals and solutions to other classmates-Rubric #3)

8. Checklist or rubric of assessment components for students:

Three rubrics are attached to this document.

9. Specific Standards addressed in this Unit or Project:

<u>Ref. #</u>	<u>Name of Standard</u>	<u>Title of Individual Standard</u>
<b><u>Goal #1</u></b>		
1.2.11 A, B	PA RWSL	A. Read and understand essential content of informational texts and documents in herd management. B. Use and understand a variety of media and evaluate the quality of herd management.
1.4.11B	PA RWSL	Write Complex herd management pieces.
1.5.11A, B, C, PA	RWSL	A. Write with a sharp, distinct focus. B. Write using well-developed content appropriate for good herdsmanship organization.
1.8.11A, B, C	PA RWSL	A. Select and refine a topic for research. B. Locate information using appropriate sources and strategies. C. Organize, summarize and present main ideas from research.
<b><u>Goal #2</u></b>		
1.1.11A, D	PA RWSL	A. Locate appropriate texts (literature, information, documents) for assigned and independent projects. D. Identify, describe, evaluate and synthesize the essential information in text. Asses those reading strategies that were most effective in the learning process.
1.2.11A, B	PA RWSL	A. Read and understand essential content of information texts and documents in all academic areas. B. Use and understand a variety of media and evaluate the quality of material produced.
1.4.11. B	PA RWSL	B. Write complex informational pieces.
1.5.11F	PA RWSL	F. Understand meaning and apply key vocabulary across the various subject areas.
1.6.11. A, D, E	PA RWSL	A. Listen to others. D. Contribute to discussions. E. Participate in small and large group discussions and presentations.

**Rubric #1****Development of Herd Strategies**

Name\_\_\_\_\_

Date\_\_\_\_\_

**Problem #1  
Rubric For two Herd Strategies**

## Herd Development

Size of herd/facilities /10

**Herd #1**

## First-Solution to Problem #1

Professionalism /5

Profitability /5

Realistic /5

## Second-Solution to Problem #1

Professionalism /5

Profitability /5

Realistic /5

**Herd #2**

## First-Solution to Problem#2

Professionalism /5

Profitability /5

Realistic /5

## Second Solution to Problem#2

Professional /5

Profitability /5

Realistic /5

## Group Participation /15

Degree of complexity of problem/solutions /15

**Total**

90-100 A

80-89 B

70-79 C

60-69 D

0-59 F

Teacher Comments:

**Rubric #2**

Student Name \_\_\_\_\_

Date \_\_\_\_\_

**PowerPoint Rating Sheet**

<u>Items Evaluated</u>	<u>Possible Points</u>	<u>Earned Points</u>
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**Oral Presentation**

Presentation	20	_____
Response to Questions	20	_____
Listed Problems	20	_____

**PowerPoint**

Gains Attention	10	_____
Development of Topic	10	_____
Effectiveness	10	_____
Quality	10	_____
<u>Imagination</u>	10	_____
<b>Total</b>	<b>100</b>	_____

90-100 A

80-89 B

70-79 C

60-69 D

0-59 F

Teacher Comments:

**Rubric #3**

Name \_\_\_\_\_

Date \_\_\_\_\_

**Profitability Plan**

<u>Profitability Profile</u>	<u>Possible Points</u>	<u>Points Awarded</u>
Identify Profitability Strengths and Weaknesses	20	
Properly Cited Profitability Sources	20	
Developed a Profitability Improvement/Growth Plan	20	
Included 1-2 Strengths to Enhance	20	
Included 1-2 Areas for Improvement	20	
	<b>Totals</b>	<b><u>100</u></b>

**90-100 A****80-89 B****70-79 C****60-69 D****0-59 F****Teacher Comments:**


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