

Agricultural Science I

Curriculum Guide: *Sheep Production*

Unit Objective:

Students will demonstrate their understanding of different aspects of sheep production by researching the breed characteristics, management practices, and health issues of a given breed of sheep and presenting their findings in an oral report.

Show-Me Standards: 2.1, CA1

Reference:

Sheep Production. University of Missouri-Columbia, Instructional Materials Laboratory, 2001.

Students will use additional outside sources to complete this activity.

Instructional Strategies/Activities:

- Students will engage in study questions in lessons 1 through 5.
- Students will complete AS 3.1, Common Sheep Diseases, and AS 4.1, Year-long Management Practices.
- Additional activities that relate to the unit objective can be found under the heading “Other Activities” in the following locations: p. 29 and p. 47.

Performance-Based Assessment:

Students will be divided into groups and assigned to research the characteristics, management practices, and health issues of a particular breed of sheep. Students will be asked to present their findings to the class by using visual aids (e.g., pictures, diagrams, charts) and computer technology (e.g., using PowerPoint). At the instructor’s discretion, students will contribute to the assessment process by providing a brief evaluation of their teammates’ performance in gathering information and preparing their presentation.

Assessment will be based on the content and delivery of the students’ oral presentation and their use of visual aids and computer technology.

**Sheep Production
Instructor Guide**

The instructor should assign the performance-based assessment activity at the beginning of the unit. Students will work toward completing the activity as they progress through the unit lessons. The assessment activity will be due at the completion of the unit.

1. Divide students into groups and assign each group a specific breed. Have the group do research about the following:
 - ☐ Characteristics of the breed
 - ☐ A management practice
 - ☐ A health issueFor example, one group might have Suffolk, docking tails, and sore mouth.
2. Students may use material in the unit but must use additional outside material to complete their report.
 - a. Students may use textbooks, the Internet, or any other reliable sources to gather their information.
 - b. Students may not use the source material word for word and must provide a complete bibliography of their sources along with their presentation.
3. Students will be asked to present their findings to the class by using visual aids (e.g., pictures, diagrams, charts) and computer technology (e.g., using PowerPoint).
4. Have students meet throughout the unit to make further preparations and practice their presentation.
5. If desired, have students contribute to the assessment process by completing a short evaluation of their teammates' performance in developing their presentation. A peer evaluation form is included following the scoring guide.
 - a. Have students complete the peer evaluation form by following the instructions listed at the top. Students should base their assessment on how much each person contributed to the project.
 - b. If tasks are divided so that students do only one type of task to contribute to the project, have students adjust their peer evaluation form by disregarding the category that does not apply to a particular teammate. Instead of assessing teammates on two categories worth 0 to 3 points, students will assess teammates on one category worth 0 to 6 points.

6. Students will be assessed on the content and delivery of the oral presentation and the use of visual aids and computer technology.

**Sheep Production
Student Handout**

1. Your instructor will divide students into groups and assign each group a specific breed. Your group will do research about the following:
 - ☐ Characteristics of the breed
 - ☐ A management practice
 - ☐ A health issue
2. You may use material in the unit but must use additional outside material to complete your report.
 - a. You may use textbooks, the Internet, or any other reliable sources to gather information.
 - b. You may not use the source material word for word and must provide a complete bibliography of the sources along with your presentation.
3. Your group will be asked to present your findings to the class by using visual aids (e.g., pictures, diagrams, charts) and computer technology (e.g., using PowerPoint).
4. You and your teammates will meet throughout the unit to make further preparations and practice the presentation.
5. If requested, you will contribute to the assessment process by completing a short evaluation of your teammates' performance in developing the presentation.
 - a. After your presentation has been completed, fill out the peer evaluation score sheet.
 - b. Give the completed score sheet to your instructor.
6. You will be assessed on the content and delivery of the oral presentation and the use of visual aids and computer technology.

Agricultural Science I

Sheep Production Scoring Guide

Name _____

Assessment Area	Criteria	0 Points	1 Point	2 Points	3 Points	4 Points	Weight	Total
Information and Content of Oral Presentation	<input type="checkbox"/> Organized format <input type="checkbox"/> Information is complete <input type="checkbox"/> Facts are accurate <input type="checkbox"/> Addresses all three topics	0 criteria met	1 criterion met	2 criteria met	3 criteria met	All 4 criteria met	X 10	
Delivery of Oral Presentation	<input type="checkbox"/> Well organized <input type="checkbox"/> All group members participate in some way <input type="checkbox"/> Informs the audience <input type="checkbox"/> Engages the interest of the listener	0 criteria met	1 criterion met	2 criteria met	3 criteria met	All 4 criteria met	X 10	
Visual Aids and Use of Technology	<input type="checkbox"/> Visuals tie directly to the presentation <input type="checkbox"/> Used appropriately <input type="checkbox"/> Visuals are well constructed and free of mistakes <input type="checkbox"/> Group used technology in their presentation	0 criteria met	1 criterion met	2 criteria met	3 criteria met	All 4 criteria met	X 3.5	
Peer Evaluation						6 pts. maximum		
TOTAL								

Final Assessment Total _____/100 pts.

Comments:

**Sheep Production
Peer Evaluation**

Name _____

Write your name on the line above. Fill in the names of your teammates in the spaces provided below. For each category listed below, give each teammate a score from 0 to 3 based on his or her contribution to the project. Use the following guide.

- 0 – no contribution
- 1 – minimal contribution
- 2 – average contribution
- 3 – excellent contribution

Add the person's score in each category and place the total in the column at the right. Give the completed score sheet to your instructor.

Project development includes tasks such as planning and research. Project completion includes writing, assembling, or presenting the project. If tasks are divided so that you or your teammates do only one type of task to contribute to the project, consult the instructor about how to adjust your evaluation form.

Name of Teammate	Project Development 0-3 Points	Project Completion 0-3 Points	Total (6 Points Max.)

