

# Agricultural Science I

**Curriculum Guide:** *Introduction to Poultry Production*

**Unit Objective:**

Students will apply principles of poultry production to design, organize, and participate in a mini Poultry Career Development Event.

**Show-Me Standards:** 1.8, CA6

**References:**

*Introduction to Poultry Production*. University of Missouri-Columbia, Instructional Materials Laboratory, 1999.

*Missouri CDE Handbook*. Accessed January 7, 2003, from [http://www.dese.state.mo.us/divvoted/ag\\_cde\\_guidelines.htm](http://www.dese.state.mo.us/divvoted/ag_cde_guidelines.htm).

**Instructional Strategies/Activities:**

- Students will engage in study questions in lessons 1 through 6.
- Students will complete AS 1.1, Identify Poultry Class Traits; AS 2.1, Identify Parts of a Chicken; and AS 2.2, Identify Parts of a Turkey.
- Additional activities that relate to the unit objective can be found under the heading “Other Activities” in the following locations: p. 6 (1, 4), p. 18 (1, 2), and p. 73 (1, 2, 3).

**Performance-Based Assessment:**

Students will work in groups to design, organize, and participate in a mini Poultry Career Development Event. Each group will be responsible for one class of poultry or poultry products in the event and will also compete as a team in the whole event.

Assessment will be based on the overall content and presentation of the class of poultry or products and performance in the contest. At the instructor’s discretion, students will contribute to the assessment process by providing a brief evaluation of their teammates’ performance in designing and setting up their poultry class display.



## **Introduction to Poultry 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 to organize a class of poultry or poultry products in a mini Poultry Career Development Event.
  - a. Each group will also compete in the whole event as a team.
  - b. The event will follow the format and guidelines of a larger contest but will be scaled to the size and time constraints available for the project.
2. Explain or review event format, guidelines, and scoring as needed. Refer to the *Missouri CDE Handbook* for guidelines regarding Poultry Career Development Events. The *Missouri CDE Handbook* is available from the Missouri Department of Elementary and Secondary Education at [http://www.dese.state.mo.us/divvoted/ag\\_cde\\_guidelines.htm](http://www.dese.state.mo.us/divvoted/ag_cde_guidelines.htm).
3. Students will be responsible for the content of the information in their display, the items to be identified or graded by the contestants, and overall presentation.
  - a. Sample classes could include, but are not limited to, breed identification and evaluation and grading carcasses, eggs, and poultry products.
  - b. For event classes in which cost or availability of materials could be prohibitive for students, such as locating unsuitable carcasses or eggs, the students may consult the instructor for assistance, but the students must be responsible for the overall design and presentation of their class of poultry or products.
4. If desired, have students contribute to the assessment process by completing a short evaluation of their teammates' performance in helping to design and set up their portion of the Poultry Career Development Event. 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.

- c. To determine the final peer evaluation score, add up the scores that a student receives from the other members of the group and divide the total by the number of scores received. The maximum number of points possible for each student is 6.
5. The final assessment score will be a combination of the student's poultry class display score, contestant score, and final peer evaluation score.
6. To mirror contest format, an appropriate award may be given to the high-scoring team and individual.

**Introduction to Poultry Production  
Student Handout**

1. The instructor will divide the class into groups.
2. Your group will organize a class of poultry or poultry products in a mini Poultry Career Development Event.
3. Your group will also compete in the whole event as a team.
4. The contest will follow the format and guidelines of a full-scale Poultry Career Development Event.
5. You will be responsible for the content of the information in your display, the items to be identified or graded by the contestants, and the overall presentation.
6. For poultry or product classes in which cost or availability of materials could be prohibitive, you may consult the instructor for assistance, but you will be responsible for the overall design and presentation of your class of poultry or products.
7. If requested, you will contribute to the assessment process by completing a short evaluation of your teammates' performance in helping to design and set up your display.
  - a. Following the event, fill out the peer evaluation score sheet.
  - b. Give the completed score sheet to your instructor.
8. Your final assessment score will be a combination of your poultry class display score, your contestant score, and your final peer evaluation score.



## Agricultural Science I

### Introduction to Poultry Production Scoring Guide

Name \_\_\_\_\_

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Assessment Area	Criteria	0 Points	1 Point	2 Points	3 Points	4 Points	Weight	Total
Information and Content of Poultry Career Development Event Project	<input type="checkbox"/> Information is complete <input type="checkbox"/> Facts are accurate <input type="checkbox"/> Provides useful information about poultry and poultry management <input type="checkbox"/> Prepares participants for larger Career Development Events	0 criteria met	1 criterion met	2 criteria met	3 criteria met	All 4 criteria met	X 10	
Presentation of Poultry Career Development Project Display	<input type="checkbox"/> Well organized <input type="checkbox"/> Eye appealing <input type="checkbox"/> No spelling, grammar, or punctuation errors <input type="checkbox"/> Supports information and content	0 criteria met	1 criterion met	2 criteria met	3 criteria met	All 4 criteria met	X 2.5	
<b>TOTAL</b>								/50 pts.

Assessment Area	Breed Identification 0-11 Points	Ready-To-Cook Carcasses 0-11 Points	Cartoned Eggs 0-11 Points	Further-Processed Poultry Meat Products 0-11 Points	Total
Poultry Career Development Event					
Peer Evaluation				6 pts. maximum	
<b>TOTAL</b>					/50 pts.

Final Assessment Total \_\_\_\_\_/100 pts.

Comments:



**Introduction to Poultry 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.)

