

Greenhouse Operation and Management

Curriculum Guide: *Greenhouse Operation and Management*

Unit: I. The Greenhouse Industry

Unit Objective:

Students will demonstrate an understanding of the requirements of a position in the greenhouse industry by researching the position and presenting their findings on a poster that will be displayed in class.

Show-Me Standards: 4.8, CA6

References:

Area businesses, the newspaper, or the local phone book

CAFNR Career Services. University of Missouri. Accessed December 3, 2003, from <http://cafnr.missouri.edu/Students/CareerServices/default.asp>.

Division of Workforce Development. Missouri Department of Economic Development. Accessed December 3, 2003, from <http://www.ded.mo.gov/employment/workforcedevelopment/>.

Greenhouse Operation and Management. University of Missouri-Columbia, Instructional Materials Laboratory, 2002.

Missouri Occupational information Coordinating Committee. Accessed December 3, 2003, from <http://www.moicc.net/>.

Monster.com (job search engine). Accessed December 3, 2003, from <http://www.monster.com/>.

Occupational Outlook Handbook. U.S. Department of Labor. Bureau of Labor and Statistics. Accessed February 3, 2004, from <http://www.bls.gov/oco/home.htm>.

University of Missouri-Career Center. Accessed December 3, 2003, from <http://www.career.missouri.edu/>.

Students will use additional outside sources to complete this activity.

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Instructional Strategies/Activities:

- Students will engage in study questions in lessons 1 and 2.
- Students will complete AS 1.4, Greenhouse Careers: Which One? How to Succeed?; and AS 1.5, Getting Involved in the Greenhouse Industry.
- Additional activities that relate to the unit objective can be found under the heading “Other Activities and Strategies” in the following location:
p. 29.

Performance-Based Assessment:

Students will work individually to research one profession listed in TM 1.4 in lesson 2 of the unit. Areas to examine include, but are not limited to, educational requirements, pay scale, responsibilities, and duties. Students will present their findings on a poster that will be displayed in class.

Assessment will be based on the content and presentation of the poster. Spelling, grammar, punctuation, and capitalization will also be factors in the assessment.

Unit I—The Greenhouse Industry 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. Have each student select a greenhouse operation position listed on TM 1.4 in lesson 2 of the unit and determine the job requirements for that position.
 - a. If preferred, assign each student a greenhouse operation position to ensure that a variety of positions are researched and represented on the posters.
 - b. Provide students with other position choices if additional positions are needed due to class size or interests.
2. Have students find information on the following requirements.
 - Education
 - Pay scale
 - Responsibilities
 - Duties
 - Any other information that is relevant to the position
3. Students should use a variety of sources to find information, such as books, the Internet, journals, magazines, and job ads.
 - a. Several useful Internet resources are listed in the references section of this assessment activity.
 - b. Students must submit a complete bibliography of their sources along with their posters.
4. Have students present their information on a poster. Display completed posters in class. NOTE: The information on the posters could be used for material for quizzes or exams.
5. The final assessment will be based on the overall content and presentation of the poster. Spelling, grammar, punctuation, and capitalization will also be factors in the assessment.

Unit I—The Greenhouse Industry Student Handout

1. Select a greenhouse operation position listed on TM 1.4 in lesson 2 of the unit and determine the job requirements for that position.
2. Find information on the following job requirements.
 - Education
 - Pay scale
 - Responsibilities
 - Duties
 - Any other information that is relevant to the position
3. Use a variety of sources to find information, such as books, the Internet, journals, magazines, and job ads. You must submit a complete bibliography of your sources along with your poster.
4. Present your findings on a poster, which will be displayed in class.
5. Your final assessment score will be based on the overall content and presentation of your poster. Spelling, grammar, punctuation, and capitalization will also be factors in the assessment.

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Unit I—The Greenhouse Industry Scoring Guide

Name _____

Assessment Area	Criteria	0 Points	1 Point	2 Points	3 Points	4 Points	Weight	Total
Content of Poster	Information is complete and facts are accurate	Failed	Poor	Fair	Good	Excellent	X 15	
Presentation of Poster	Well organized, neat, and easy to follow	Failed	Poor	Fair	Good	Excellent	X 7.5	
Technical Considerations	Spelling, grammar, punctuation, and capitalization are correct	Failed	Poor	Fair	Good	Excellent	X 2.5	
TOTAL								

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Final Assessment Total _____/100 pts.

Comments:

