

Agricultural Structures

Unit II — Home and Farmstead Planning

Instructor Guide

The instructor should distribute the student handouts and assign the performance-based assessment activity in conjunction with the relevant lesson material as indicated in the instructor guide. The activity will be due at the completion of the lesson.

1. Emphasize the importance of following local building codes and zoning laws when planning a farmstead. Discuss relevant building codes and zoning laws.
 - a. Information regarding building codes and zoning laws is available from local regulatory agencies, such as the planning and development department, public works department, and county board of commissioners.
 - b. General information about Missouri building codes and zoning laws is also available from the MU Extension, University of Missouri-Columbia, accessed January 17, 2012, from <http://muextension.missouri.edu/explore/agguides/>.
2. Use “AS 1.2, Planning a Farmstead” to assess student competency at preparing a farmstead plan. Students will sketch the layout for their ideal farmstead and explain how their plan addresses the factors covered in the study questions for lesson 2. [The activity sheets “Farmstead Planning” and “Planning a Farmstead” are labeled “AS 1.1” and “AS 1.2” (respectively), but are located in lesson 2.]
 - a. Have students design their farm plan as an aerial view to include all the facilities and indicate where they are located in relation to each other.
 - b. For a complete description of the activity, see AS 1.2, p. II-25.
 - c. Answers for this activity will vary.
 - d. If desired, have students present their farm plans on a poster instead of the activity sheet. Display completed posters in class.
 - e. If desired, have students design their farm plan using collage or presentation software. Have students present their plan to the class as an oral report. Adjust the student handout and scoring guide as needed.
3. The final assessment score will be based on the overall content and presentation of the farmstead plan and explanations. Spelling, grammar, and punctuation also will be factors in the assessment. [Suggested addition: If presented as an oral report, assessment will also be based on content of presentation slides and organization/delivery of report.]
4. **ADDITIONAL ACTIVITY:** Have students research a particular code or regulation that affects farmstead planning in their area. What is the regulation designed to protect? How does it affect farmstead planning? Lead a class discussion in which students present their findings or have students explain their assigned regulation in a brief oral report.