

Mansfield Public Schools Greenhouse Lesson Plan	
Lesson Title / Grade Level	Planning A Three Sisters Garden Grade: 4
Content Area Objective(s)	Students will create scaled plans for a Three Sisters Garden using graph paper
Science Goals And Objective(s)	Students will create garden plans that are appropriate for the needs of all the crops involved
Overview	The class will have a short discussion on what kind of layout is appropriate for a Three Sisters Garden based on the needs of each of the crops that will be planted. Then, the students will work independently or with a partner to create a scaled garden plan. The class will vote on which one they like best, and that plan will be the one the class will follow to create their garden outdoors in the spring.
Time Needed/ Instructional Arrangements and Setting	30 minutes ½ the class at a time In the greenhouse
Prerequisites Or Pre-Teaching That Needs To Be Done	Students should have a basic understanding of the Three Sisters Garden Students should have some knowledge of how to create something "to-scale"
Procedure	Initiation- Have students look at a sample garden plan, and discuss what they see. Go over the needs of each type of crop that will be planted, as well as the traditional way the Three Sisters Garden is planted (ex: mounds 1' high, 3' in diameter, spaced 3' apart from each other)
Materials	<ul style="list-style-type: none"> • Sample garden plan • Handout listing needs of each crop • Graph paper • Pencils
Materials Notes	
Differentiation Strategies	
Assessment Strategies	Students will be evaluated based on their participation in the class discussion and the completion of a scaled garden plan that is appropriate for the needs of the crops

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Teacher Reflections	
Date of Lesson	What I want other teachers to know about this lesson is -
