

MANCHESTER COLLEGE
Education Department

LESSON PLAN by: Candy Preston, Erica Hudson, Katie Stoneburner, Tyler Kottkamp

Lesson: Plotting Amish Farmland

Length: 30-45 Minutes

Lesson adapted from:

http://www.mcps.k12.md.us/curriculum/socialstd/grade2/Amish_Grid2.html

Grade Intended: Second Grade

Academic Standards: Math

2.1.12 *Represent, compare, and interpret data using tables, tally chars and bar graphs.*

Performance Objective:

2.1.12 Students will plot and color in a grid containing items on a map that have been predetermined with 80% accuracy and will answer provided questions about their maps with 85% accuracy.

Advance Preparation by Teacher:

Copies of map grid, instruction sheet and questions

Down Buttermilk Lane by Barbara Mitchell with illustrations by John Sandford

Procedure:

Introduction:

Read the book *Down Buttermilk Lane* by Barbara Mitchell with illustrations by John Sandford.

Step-by-Step Plan:

1. Explain how to read a grid
2. Pass out copies of grid, instruction sheet and questions.
3. Together plot 2 squares, one yellow and one green
4. Allow the students to plot the remaining squares
5. Have the students answer the questions on the back of the instruction sheet

Closure:

What would a map of the school look like? Should there be a different color for each grade? What color should the hallways be?

Adaptations/Enrichment:

Directions in Spanish

Have students answer questions orally

Self-Reflection:

Do the students understand how to locate things on a grid?

Did the students understand the questions and answer them with the desired accuracy?

Bloom's Taxonomy:

Comprehension: Interpret information on the grid

Application: Order the number of squares from least to greatest amount

Gardner's Multiple Intelligences

Visual/Spatial: Graphing, drawing and coloring

Verbal/linguistic: Answering questions

Mathematical: graphing points