

Finding Your Way on the Farm

Utah Social Studies

Materials

- ◆ Find Your Way on the Farm worksheet

Background

How would you find your new friend's house if he or she lived in a town? Towns are laid out with street names, and all of the houses and buildings have numbers. But what if your friend lived in the country?

Without street names, how do you think a farmer would tell his helper where to find his stalled tractor or where her lost calf was last seen? Sometimes the farmer will give directions by miles: "Go two miles north on Old Farm Road, then back one mile on Garden Lane." Sometimes he or she will use landmarks: "Turn left at the red barn."

Farmland is divided on maps by acres. The acres are grouped in sections. An acre is about the size of a football field. There are 640 acres in a section.

Activity Procedures

1. Review with students the way to use a grid to locate objects or places on a map.
2. Hand out student worksheets, and discuss the directions.

Additional Activities, What's Next?

1. Draw a grid map of the classroom. Have students locate the seating assignments of all the class members.
2. Make a large grid of a make-believe place or a place with which the class would be familiar. Have each student design an object or place to be located on the map. When all designs have been completed, make a map key.
3. Use a state road map to practice locating cities, towns or state parks. Divide students into teams. Call out the name of the place and the coordinates where it can be found. Members of the first team to find it should raise their hands.



Time: 1 hour

Grade Level: 3

Social Studies, Standard 1

Students will understand the relationship between the physical geography in Utah and human life.

Objective 2

Analyze how physical geography affects human life in Utah.

Mathematics, Standard 3

Students will understand attributes and properties of plane geometric objects and spatial relationships.

Objective 2

Specify locations using grids and maps.

- c. Locate regions on a map of Utah.
- d. Give the regions on a map of Utah.



Worksheet Key

1. An intersection is the place where two streets come together.
Complete the sentences below by writing the names of the two streets that make the intersections where the objects in italic print are located.
 - a. The tree is located at 1st Street and Market Street.
 - b. The wheat field is located at 3rd Street and Crop Avenue.
 - c. The pond is located at 4th Street and Pear Tree Lane.
 - d. The tractor is located at 2nd Street and Pear Tree Lane.
 - e. The cow is located at 6th Street and Market Street.

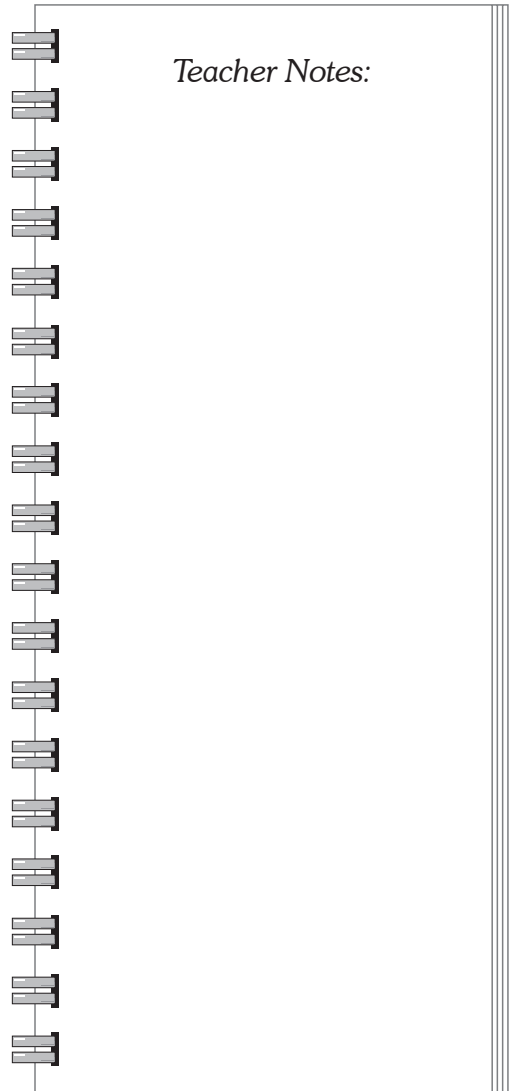
2. Give the letter and number of the box where each item is found on the map grid.
 - a. tree B,1 b. barn & silo B, 5 c. tractor A, 2

 - d. wheat field D, 4 e. pond A, 5 f. fence C, 2

 - g. milk truck C, 7 h. cow B, 6

3. Add a farm object to the map grid. Draw the symbol, then write its coordinates in the blank.

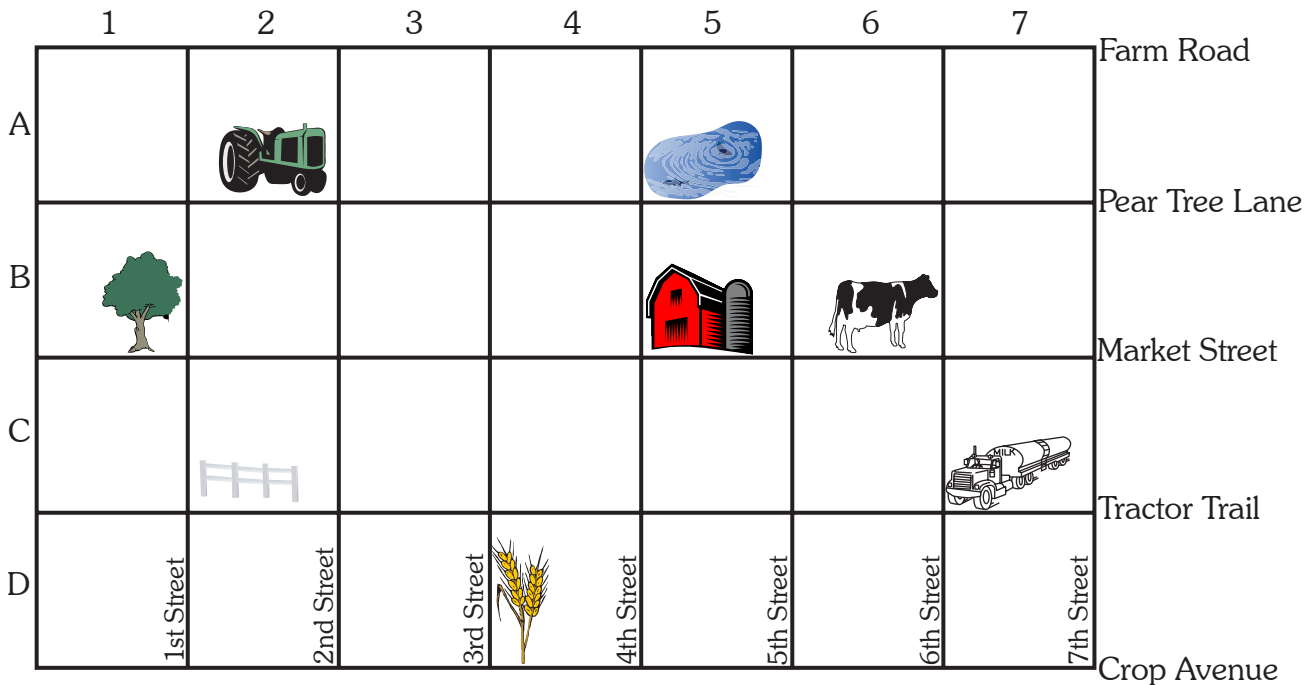
Teacher Notes:



Name _____

Find Your Way on the Farm

Study the map grid of the farm. Use the grid to complete the questions below.



Key:



fence



tractor



cow



wheat field



milk truck



barn & silo



tree



pond

1. An intersection is the place where two streets come together. Complete the sentences below by writing the names of the two streets that make the intersections where the objects in *italic print* are located.

- The *tree* is located at _____ and _____
- The *wheat field* is located at _____ and _____
- The *pond* is located at _____ and _____
- The *tractor* is located at _____ and _____
- The *cow* is located at _____ and _____

2. Give the letter and number of the box where each item is found on the map grid.

- tree _____
- barn & silo _____
- tractor _____
- wheat field _____
- pond _____
- fence _____
- milk truck _____
- cow _____

3. Add a farm object to the map grid. Draw the symbol, then write its coordinates in the blank.