

Finding Your Way on the Farm

Wyoming Social Studies

Objectives:

- Students will examine maps and globes for scales and symbols.
- Students will use a grid to mark landmarks on a map.

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, which is a square mile.

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.

More Activities:

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.



Standards

Social Studies

People, Places,
& Environments:
5.1, 5.2, 5.4

Materials

- "Find Your Way on the Farm" Worksheet



Estimated Time

60 Minutes

Grades 3-4

vocabulary:

- *map*
- *grid*
- *compass*
- *landmark*
- *acre*
- *section*

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.

- The tree is located at 1st St. and Market St.
- The wheat field is located at 3rd St. and Crop Av.
- The pond is located at 4th St. and Pear Tree Ln.
- The tractor is located at 2nd St. and Pear Tree Ln.
- The cow is located at 6th Street and Market St.

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

tree B,1 *barn & silo* B,5 *tractor* A,2 *wheat field* D,4
pond A,5 *fence* C,2 *milk truck* C,7 *cow* B,6

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

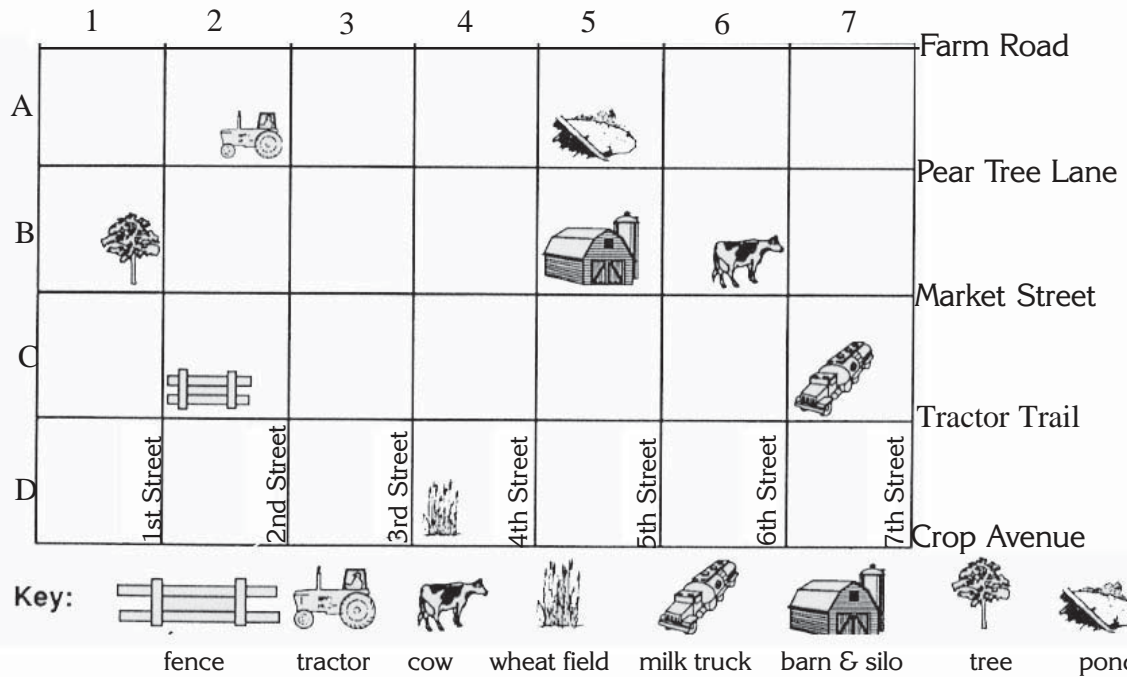


Materials Adapted from Oklahoma Agriculture in the Classroom

Name _____

Find Your Way on the Farm

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



1. An intersection is a 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 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.