



Minnesota 4-H

Lesson Plan: Handling Animals with Care

Project Area

Animal Science

Grade Level

Grades 7+

Description

Learn about *stockmanship* and the knowledge and skills it takes to care for animals in a positive and safe manner. Using good stockmanship practices improves animal comfort, safety for yourself and the animals, and ultimately improves your bottom line.



In this activity you will learn to understand how environment, facilities and human behavior have an effect on how animals behave as you try to handle or work them.

Stockmanship is the art and science of properly handling cattle or other farm animals.

Time

30-35 minutes

Materials Needed

- Loud noises & distractions (Turn up the volume on the TV, radio, set an alarm clock to go off, and/or ask your family members/friends to get loud!)
- Mixed operation word problems worksheets
- Pencil
- Stopwatch
- Chair & table to sit at comfortably

Activity Instructions

Part A

1. Find a quiet and comfortable place, free of distractions to sit. A table or surface to write on would be helpful.
2. Set your pencil and mixed operations word problems worksheet (faced down) on your writing station in front of you.
3. When you are ready, press start on your stopwatch (or ask your assistant), flip the math sheet over and complete the word problems.
4. After you have completed the word problems, press STOP on the stopwatch. Record your time.

Part B

1. Bring in the noise and distractions. Stand up from your chair and take away your writing surface.
2. Repeat the process from Part A using the second sheet of word problems.
3. After you have completed the word problems, press STOP on the stopwatch. Record your time.

Reflection Questions

- Was Part A or Part B easier or more difficult to complete the word problems?
- How might loud noises and distractions affect livestock or other animals while you are trying to move them or get them to do what you want?
- How did you feel in Part A? What about Part B? Share about the differences.
- What changes will you make in how you work with animals in the future?

Next Steps

You can say, "Next month we will be doing _____ . You might want to bring these supplies with you: (list supplies). Make sure to check out our Clover update with more opportunities for you to check out and attend."

OR

"If you liked this activity, you can do other activities in some of the other project areas we provide. You can also join a 4-H club near you. In a club, you have the opportunity to meet other youth and learn about what areas they are involved in."

Sources

<https://extension.umn.edu/dairy-handling-and-best-practices/basic-stockmanship>

<https://www.k5learning.com/free-math-worksheets/fifth-grade-5/word-problems/mixed-practice>

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Mixed practice word problems

Grade 5 Math Word Problems Worksheet - Use for Part A

1. A company donates 935 pencils to a school. The pencils are divided evenly among 9 classrooms. The rest of the pencils are given to the library. How many pencils were donated to each classroom and to the library?
2. Manny owns 83 sets of basketball cards. Each set has exactly 504 cards. What is the total number of basketball cards Manny owns?
3. The city park is $9\frac{2}{5}$ miles from Roland Elementary School. The city librarian is $3\frac{3}{10}$ miles from the same school. How much farther from the school is the park than the library?
4. Ginny paid \$4.16 for a sandwich. She paid \$0.95 for a piece of fruit. What was the total amount Ginny paid for the sandwich and fruit?
5. Randa ate $\frac{3}{8}$ of a pizza, and Marvin ate $\frac{1}{4}$ of the same pizza. What fraction of the pizza did Randa and Marvin eat?

Answers: 1) Each classroom received 103 pencils, and the library received 8. 2) 41,832 cards. 3) The park is 6 $\frac{1}{10}$ miles farther. 4) She paid \$5.11. 5) They ate $\frac{5}{8}$ of the pizza.

Word problems from www.k5learning.com

Mixed practice word problems

Grade 5 Math Word Problems Worksheet - Use for Part B

1. Suppose you want to buy three loaves of bread that cost \$1.50 each and a jar of peanut butter that costs \$4. A jar of jelly is \$2.75, but you don't need any jelly. You have \$10. How much money will you have left over?
2. The star running back on our football team got most of his total yardage running. The rest was catching passes. He caught passes for 60 yards. His total yardage was 150 yards. The running back for the other team got 200 yards. How many yards did the star running back on our football team get running?
3. The average temperature in Lincoln in July is 85 degrees. Last Wednesday, it was 90 degrees. Today it was 15 degrees cooler than last Wednesday. What was the temperature today?
4. Julie's yard is rectangular. One side of the yard is 100 feet wide. The total area of the yard is 3,000 square feet. What is the length of the other side of the yard?
5. Martin has a business washing cars. Last year he washed 20 cars a week. This year, he wants to increase his business to 1,200 cars a year. How many cars will he have to wash each month on average?

Answers: 1) You have \$1.50 left. 2) He got 90 yards running. 3) It was 75 degrees today. 4) The other side is 30 feet. 5) He will have to wash 100 cars each month.

Word problems from www.k5learning.com