

Super Strings

Suggested Ages: 2nd Grade

Resources Required: *Tiger Goes Collecting* by Linda Ayers

Education Standards:

Texas Essential Knowledge & Skills (TEKS)

Math

2.3 Number, operation, and quantitative reasoning. The student adds and subtracts whole numbers to solve problems.

2.9 Measurement. The student recognizes and uses models that approximate standard units (metric and customary) of length, weight, capacity, and time

2.11 Probability and statistics. The student organizes data to make it useful for interpreting information.

2.12 D Underlying processes and mathematical tools Use tools such as real objects, manipulatives, and technology to solve problems

2.14 Underlying processes and mathematical tools. The student uses logical reasoning to make sense of his or her world

1. Read the chapter, "Tiger's Super Strings" to the students.
2. Give each student precut strings the lengths of those on the worksheet or let them cut their own strings.
3. Give students the following worksheet.
4. If time allows, have the students make something special with their string. Display their creations on a table in the classroom with a sign titled, "Our Super String Collection".

(continued)



Super Strings

Read "Tiger's Super Strings" in the book *Tiger Goes Collecting* by Linda Ayers. Then do this fun math activity.

List the things Tiger made with his strings. Tell how many strings he used for each thing he made. Do you think all of Tiger's strings were the same length? Why or why not?

1. Tiger made a _____ with _____ strings.
2. Tiger made a _____ with _____ strings.
3. Tiger made a _____ with _____ strings.
4. Tiger made a _____ with _____ strings.

How many strings did Tiger have all together? _____

✍ Cut 5 pieces of string the following lengths. About how long is each string in centimeters? Fill in the blanks with your answers.

- | | |
|---------------------|-------------------------|
| String 1: 4 inches | About _____ centimeters |
| String 2: 8 inches | About _____ centimeters |
| String 3: 12 inches | About _____ centimeters |
| String 4: 9 inches | About _____ centimeters |
| String 5: 6 inches | About _____ centimeters |

✍ Now choose four of your strings. Tie them together or place them end-to-end to make one really long string. Measure your long string in inches and centimeters. Write the answers in the blanks.

My long string is _____ inches long. It is about _____ centimeters long.

✍ Do your answers match those of your classmates? _____

Why or why not? _____

Just For Fun: Make something special with your strings. Give it to someone special, just like Tiger did in *Tiger Goes Collecting* by Linda Ayers.