

TEAM Names: _____

Date: _____

Let's see how far your spool racer goes!

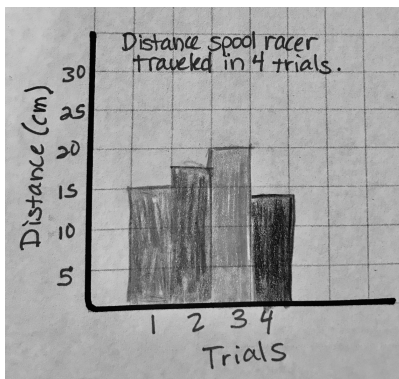
Instructions:

1. Take a piece of tape and place it on the floor to mark the STARTING place for your spool racer.
2. Wind up your racer and let it go.
3. Measure the distance in centimeter (cm) your spool racer traveled.
4. Repeat this for a total of 4 trials.
5. Put the data into the data table below:

Trial #	Distance (cm)	math work space
1		
2		
3		
4		
Average Distance (cm):		

6. Now graph your results:

- a. Distance (cm) on the y-axis and each trial on the x-axis.
- b. Write a title at the top of the graph.



Questions to think about?

1. If your distances are very different, what do you think happened?
2. If your distances are very similar, what did you do to make sure your ran each trial the same?
3. If your spool racer did not travel very far, what design changes would you make and why?