Making a Data Table for a Controlled Investigation

Investigative question

What is the effect of wheel size on the distance a go-cart can travel?

Wheel Size vs. Distance Traveled

Wheel Size (cm)	Distance Traveled (cm)			
	Trial 1	Trial 2	Trial 3	Mean
7.5				
9				
11.5				

1. ***Title***
   - *Include the name of both the manipulated (changed) variable and the responding (measured) variable separated by* vs. *(*versus*).*

2. ***Manipulated (Changed) Variable***
   - *Make a column, then write the variable's name as the title.*
   - *Include the abbreviation for the unit of measurement.*
   - *Make a row for each type of the manipulated variable.*

3. ***Responding (Measured) Variable and the Trials (Tests)***
   - *You should conduct at least three trials, then calculate and record the mean (average) of those three trials. So you need four narrower columns under the responding (measured) variable title.*
   - *The responding variable title should include the abbreviation for the unit of measurement.*

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