Data Analysis

Start with a topic sentence to say what the graph / table is about (as shown in the main title and the title for each axis/row or column).	This graph / table shows _____ .
Summarize the data. (Write about the important points in the graph or table; do not write about all the data.)	
■ Qualitative data (e.g., more/fewer; increase/ decrease)	The larger wheels go farther than the smaller wheels do. The distance increases as the wheels get larger.
■ Specific quantitative data (e.g., actual numbers, percentages) Give examples from the greatest and least; do not include all the data in between.	For example, the 4.5 cm wheels went 145 cm, whereas the 11 cm wheels went 276 cm.
End with a conclusion that answers the question you were investigating (investigative question). Include:	
■ The main inferences made from the data.	Therefore, I think _____ .
■ Whether the data support your prediction and if your thinking has changed.	The data _____ . My thinking _____ .
You may also need to include:	
■ Outliers and inconsistent or inconclusive data and what you think might have caused them (e.g., variables in the testing).	Some data were inconsistent. I think this happened because _____ .
■ How this information might be important in the real world.	This information could be important _____ because _____ .