

Name: _____

Data and Graphing Choice Board

Choice Activity #1: **Graphing Letters**

Create a chart of the number of letters in your classmates' first names. Then create a bar graph to show the data.

(Example: If four students' names have 7 letters, your bar graph would need to represent this)

Choice Activity #2: **Create Your Own Graph**

Create your own graph (any type you want!). Then write 3-5 questions about your graph for others to answer. Provide an answer key.

Choice Activity #3: **Survey Time!**

1. Make a survey where you can gather data about others (such as: Which color do you like most? Or what is your favorite subject in school?).
2. Then find a way to gather this data. Will you ask them in-person? Will you post your survey on a wall or board for people to mark? Will you create an online survey and send it to your class (with your teacher's permission)?
3. Give others time to answer your survey question.
4. Once the survey is complete, choose a graph that best represents your data and create the graph.
5. Then share it with your teacher and class!

Choice Activity #4: **Why Do We Have Graphs?**

Think about why we have graphs and when we might need or use them. You can write, illustrate, or create a presentation that explains when, in real life, graphs can be useful or important.