**Graphing Practice**

**Step 1- Open a new Google doc and title it Graphing Practice.**

**Step 2- Write your name in the top left corner of your Google doc.**

**Step 3- Share it with Ms. Miller**

[**briget.miller@edisoncs.org**](mailto:briget.miller@edisoncs.org)

**Step 4- Open Google Sheets and create each of the following graphs. Make sure that each graph has the correct title.**

**Step 5- Import each graph into your Google doc.**

**Line Graph**- Use a line graph whenever time is involved!!

**Title: Hot Wheel Times**

|  |  |
| --- | --- |
| Trial Number | Time in Seconds |
| 1 | 10 |
| 2 | 15 |
| 3 | 9 |
| 4 | 19 |
| 5 | 15 |
| 6 | 4 |
| 7 | 8 |
| 8 | 11 |
| 9 | 9 |
| 10 | 9 |

**Bar Graph**- Use a bar graph when comparing two or more things.

**Title: Number of Vegetables Sold**

|  |  |
| --- | --- |
| Vegetable Type | Number Sold |
| Corn | 50 |
| Carrots | 35 |
| Potatoes | 76 |
| Peas | 20 |
| Beans | 44 |
| Turnips | 15 |
| Pumpkins | 9 |

**Pie Chart**- Use a pie chart when percentages are involved.

**Title: Favorite Ice Cream Flavors**

|  |  |
| --- | --- |
| Type of Ice Cream | Percentage of Students |
| Chocolate | 33 |
| Vanilla | 12 |
| Strawberry | 55 |

**Double Line Graph**-

**Title: Coins Collected Per Year**

**Y-axis title: Hundreds of Coins Collected**

|  |  |  |
| --- | --- | --- |
| Year | Fred | Sue |
| 2010 | 4 | 8 |
| 2011 | 8 | 6 |
| 2012 | 2 | 7 |
| 2013 | 1 | 1 |
| 2014 | 5 | 3 |
| 2015 | 6 | 4 |
| 2016 | 3 | 5 |

**Step 6- Create the following data table in your Google doc.**

**Data Table**- An easy way to display a bunch of data.

**Title: Distances per Block**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Trial | Block #1 | Block #2 | Block #3 | Block #4 |
| #1 | 15 cm | 10 cm | 16 cm | 10 cm |
| #2 | 40 cm | 13 cm | 20 cm | 10 cm |
| #3 | 10 cm | 39 cm | 184 cm | 10 cm |
| #4 | 65 cm | 8 cm | 100 cm | 10 cm |
| #5 | 33 cm | 45 cm | 30 cm | 11 cm |
| #6 | 42 cm | 13 cm | 17 cm | 8 cm |