NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**8**

GRAPHING…

DATE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PER\_\_\_\_\_\_\_

**3 TYPES OF GRAPHS**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ OR \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Graph: Used to show parts or percentages of a whole.

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Graph: Used to compare amounts or categories.

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Graph: Used to show trends, patterns or relationships.

**HOW TO GRAPH…**

\*\*\*Always remember \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_!

(An acronym used to help you remember everything you need to include on your graph!)

T = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Summarizes info being shown in your graph. Should always contain dependent & independent Variables.

A = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Identify X-axis (independent) & Y-axis (dependent)

**Dependent Variable (Effect) Independent Variable (Cause)**

 D – Dependent M - Manipulated

 R – Responding I - Independent

 Y – Y axis X – X axis

I = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ The amount between one value and the next on the axes. Use a common # for an intervals such as (2, 5, 10, 20, etc.)

L = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Both axes need to be labeled so the reader knows exactly what the independent and dependent variables are.

S = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ The minimum & maximum numbers used on each axis. These #’s should be a little lower than the lowest value and a little higher than the highest value.

**BATTLESHIP**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

**Aircraft Carrier…..5 points long PT Boat…..2 points long**

**Battleship….. 4 points long Destroyer….. 3 points long Submarine….. 3 points long**

Make a bar graph using the data table from the fossil find activity.



\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| Type of Animal | # Of Groups |
| Bird | 1 |
| Fruit Bat | 10 |
| Pterodactyl | 32 |
| T Rex | 5 |