MATH FUN

Week 3 – Gaga over Graphs – Use household items like candy and stuffed animals to explore counting and graphing!

You will need:

- Print the Gaga Bar Graph (http://s7657.pcdn.co/wp-content/PDFs/PrintOrDraw-GagaOverGraphs-20200506.pdf)
- A set of small items that can be sorted by type: M&Ms, colorful cereal, Lego pieces, etc.

How to Play

1. Dump out the items you're using.
2. Group the items by color. Discuss how many colors there are.
3. Decide the order you want for the colors, rainbow order or mixed up. Write the colors on the dotted lines under the sideways arrow (the x-axis).
4. The y-axis is the line running up and down the left side. In your graph, this tells the number of items of each color.
5. Label the y-axis with numbers, scaling the spaces to match the size of your items.
6. Line up the items of each color edge to edge in a column above that color name, starting at the x-axis.
7. Find out which color wins!

For Discussion

- How many items are there in your favorite color?
- Which color has the most items? Which has the fewest?
- Which colors have odd amounts? Which have even?
- How could you show the same information using tallies, pictures or bars?
- Let's try another set of items!

Students can then practice and review on Khan Academy!

2nd Grade – Bar Graphs (video and practice problems): https://www.khanacademy.org/math/cc-2nd-grade-math/cc-2nd-measurementdata#cc-2nd-bar-graphs

3rd Grade – Represent and Interpret Data (video and practice problems): https://www.khanacademy.org/math/cc-third-grade-math/represent-andinterpret-data

5th Grade – Line Plots (video and practice problems): https://www.khanacademy.org/math/cc-fifth-grade-math/line-plots