What We’re Learning

During the next few weeks, our math class will be learning about coordinate graphing, equations, and integers. We will be learning about different ways to display and interpret data.

You can expect to see work that provides practice in using function tables to graph linear equations in a coordinate plane. You may wish to use the following example as a guide to help your child.

Vocabulary

- **coordinate plane** A plane formed by two perpendicular number lines in which every point is assigned an ordered pair of numbers.
- **ordered pair** A pair of numbers in which one number is considered to be first and the other number second.
- **function** A rule that gives exactly one value of \( y \) for every value of \( x \).

Guiding Your Child

**Using a Function Table to Graph a Linear Equation**

Graph the equation \( y = 2x + 3 \) in a coordinate plane.

**Step 1** Make a function table for the equation. You can use any values for \( x \), but try values that will fit on a small graph.

\[
\begin{array}{c|c}
  x & y \\
  \hline
  -2 & -1 \\
  -1 & 1 \\
  0 & 3 \\
  1 & 5 \\
  2 & 7 \\
\end{array}
\]

**Step 2** Graph each ordered pair in the coordinate plane.

During this chapter, students will need to continue practicing basic addition, subtraction, multiplication, and division facts.

Sincerely,

Your child’s teacher