Unit 5- Moving Straight Ahead
Investigation 2: Exploring Linear Relationships with Graphs and Tables

STUDY GUIDE

Things we need to know:

- Create a table based on a real world scenario
  - From that table create a graph and equation
  - From the information identify a certain data point

- Create a graph based on a real world scenario
  - Understand what the line of the graph means
  - If the line was steeper, how would that affect the rate of change and/or equation?

- What the y-intercept is
  - Be able to locate it on/in the following
    - Table
    - Graph
    - Equation

- What a coefficient is
  - Be able to identify it in an equation
  - What it represents in a table and a graph

- What the solution of an equation is and if a certain ordered pair makes that equation true or lies on the line of a graph