**Teacher website: mrsjohnsonandmstye.weebly.com**
**Online Textbook Link:**

**Tye 2016-2017** **Pathfinder AGI** **Quarter 1 Week 4: 9-26 to 9-30**

| Date: | Classwork: | Homework: |
|---|---|---|
| **Tuesday**<br><br>**9-27**<br><br>**Block Class** | **Focus:**<br>To pair an equation of a line and its graph.<br><br>- **Lines and Linear Equations:**<br>- White board activity with graphs<br>- Matching Graphs w/ gallery walk<br>- Match Equations to Graphs<br>- Match Flowing Liquid Pictures to Equations & Graphs<br>- Review "The Race", correct and make notes in pen<br><br>❏<br><br>**Reflection Questions:**<br>Explain what you looked for when trying to match an equation to its graph. You may want to draw a picture to help with your explanation. | **Homework due next class.**<br><br>**Required assignment:**<br>The Race (Revisited)<br><br>**Extension:**(see note below)<br>None |
| **Thursday**<br>**Even**<br><br>**9-29**<br><br>**Block Class** | **Focus Question:**<br>How can you predict if a pattern between variables will be linear or nonlinear?<br><br>❏ Check and make corrections to your homework.<br><br>❏ TWMM - Problem 1.3, pages 12-14 A-D.<br><br>**Reflection Questions:**<br>Exit ticket: Solving Equations | **Homework due Friday**<br><br>**Required:**<br>Page 16-18 #3-5<br>Page 23-24 #27-32 |
| **Friday**<br>**9-30**<br><br>**See All Classes** | **Focus:**<br>Describe the relationship between two quantities by analyzing a graph.<br><br>❏ Turn in homework<br>❏ Page 25 #34 with partners.<br>- Complete the data table<br>- Graph each equation (row "n") as you find the equation. (x, p) (x, q) (x, y) and (x, z) | |

**TURN OVER**

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**Math Standards:**

**8.F.B.5** Describe qualitatively the functional relationship between two quantities by analyzing a graph. (Where does the graph increase or decrease, is it linear or nonlinear) Sketch a graph that exhibits the qualitative features of a function that has been described verbally.

**8.SP.A.1** Describe patterns such as clustering, outliers, positive or negative association, linear association, and nonlinear association.

**8.F.A.2** Compare properties of two functions each represented in a different way (algebraically, graphically, numerically in tables, or by verbal descriptions).

**Math Practices:**

Reason abstractly and quantitatively.

Look for and make use of structure.

**TURN OVER**