Lap 2 Chapter 2 Functions

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Overview & Rational

In this LAP, we will cover the differences between functions and relations. We will find domain and range. We will graph absolute value functions, linear inequalities, and piecewise functions. These graphs are important because not all data is linear. Functions are important because they allow us to represent data in a mathematical way such as with equations, graphs, tables, or mappings.

**Essential Question**

How can you represent and describe functions?

**Open Lab & Enrichment Due 9/19**

**Enrichment:** Stained Glass Graphing Linear Functions

**Lap Summative Assessment is in the testing center on the following dates:**

Thursday, 9/19 – Monday, 9/24

| Date | Lesson | Homework |
| --- | --- | --- |
| Friday  8/31  B | **2.1 Relations and Functions**  SWBAT graph relations and identify functions | p. 64 #5, 8-16, 17-23 odd, 25-26, 29-32 |
| Wed  9/5  D | **2.6 Families of Functions**  SWBAT analyze transformations of functions | p. 104 #10-21, 23-29 |
| Friday  9/7  F | **2.7 Absolute Value Functions and Graphs**  SWBAT graph absolute value functions | p. 111 #7-29 odd |
| Monday  9/10  G | **Piecewise Functions** | Piecewise Worksheet |
| Tuesday  9/11  H | **Piecewise Functions** |  |
| Tuesday  9/18  A | **2.8 Two-Variable Inequalities**  SWBAT graph two-variable inequalities | p. 118 #5, 6, 7, 9-29 odd, 45 |
| Wed  9/19 B | **Review Day** |  |