**8th Grade Math Menu Planner: Q2 W 7 & 8 – December 15 – January 9**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Big Ideas:**

* Determine the slope from a graph and use the formula for slope to determine slope
* Understand the proportional relationship that exists when a line goes through the origin
* Recognize slope-intercept form of a line and define the slope and y-intercept graph a line given the equation, determine the slope of the line, and the y-intercept of the line

**Homework Lessons** – Remember all HW due next day unless noted

* Monday 12/15 – Video and Notes “Real Life Slope Part 2”
* Tuesday 12/16 – Worksheet: Practice 11-4
* Wednesday 12/17 – Video and Notes “Slope-Intercept Form”
* Thursday 12/18 – Worksheet: Practice 11-4
* Monday 1/5 – Video and Notes “Graphing Linear Equations” – due Wednesday
* Tuesday 1/6 – See above
* Wednesday 1/7 – Video and Notes “Real Life Representatives of Linear Equations” – due Friday
* Thursday 1/8 – See above

**Main Dish (complete all) – Do One Check One**

* Data Analysis – Assessment: Solving Equations (\_\_\_\_ 0, m, √)
* Stations – Functions Set 3: Slope and Slope-Intercept (\_\_\_\_ 0, m, √)

Station Work – Thursday, 12/18/14

* Using the Slope Formula (\_\_\_\_ 0, m, √)
* “Partner Quiz” – Linear Equations (\_\_\_\_ 0, m, √)
* Teacher Station – Water Balloon Problem (\_\_\_\_ 0, m, √)
* CC Investigation 2.1: (\_\_\_\_ 0, m, √)
* \*Mini –Rate of Change and Linear Equations – Wednesday, 1.7.15 (\_\_\_\_\_\_\_%)
* CC Investigation 2.2: (\_\_\_\_ 0, m, √)
* \*Assessment:Slope
* CC Investigation Exercises p. 10 – 12 #1-22

**Project Work (\_\_\_\_\_% )**

* Linear Equations Project – “The Choice is Yours” – due Friday, Jan. 16
  + Must turn in rubric along with project

**Desserts (Optional – Extra Credit)**

* Complete Extension section of Project
* Create a song to teach students about slope

**Binder Check**

* My binder is organized appropriately.

**\* Complete Individually**

**Math iWork**

**Q2 W 7 & 8 – December 15 – January 9**

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| Content Work  (35 min)  Monday, 12/15/14 | * Video Lesson: Real Life Slope Part 1 * Complete Note sheet and Turn in |
| Content Work  (35 min)  Wednesday, 12/17/14 | * Video Lesson: The Slope Formula * Complete Note sheet and Turn in |
| Content Work  (35 min)  Friday, 12/19/14 | * Video Lesson: Writing Slope-Intercept Form * Complete Note sheet and Turn in |
| Content Work  (35 min)  Tuesday, 1/6/15 | * Video Lesson: Different Representations of Linear Equations * Complete Note sheet and Turn in |
| Independent Work Time  (35 min)  Thursday, 1/8/14 | * Independent Work Time – Finish any checklist assignments necessary * Can work on Project |
| PowerSchool  (5 min) | * Log into PowerSchool * Record the Date you checked : \_\_\_\_\_\_\_\_\_\_\_\_\_\_ * Current Average: \_\_\_\_\_\_\_ % |