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| Grade Level 9th Coordinate Algebra A | **Teacher/Room**: LPayne/Room 181 Week of: 9/1-9/4 |
| **Unit Vocabulary:** equation, variable, conversion factor, unit analysis, dimensional analysis, rate, unit rate, ratio, proportion, cross product, scale, scale drawing, similar, corresponding sides, corresponding angles |
| **Instructional Strategies Used:** direct instruction, independent study, interactive instruction, partners |
| **Day 1** | **Day 2** | **Day 3** | **Day 4** | **Day 5** |
| **LABOR DAY****HOLIDAY** | **Common Core Standard(s)**:**MCC9-12.A.CED.1** Create equations and inequalities in one variable and use them to solve problems.**MCC9-12.N.Q.1.** Use units as a way to understand problems and to guide the solution of multi-step problems; choose and interpret units consistently in formulas; choose and interpret the scale and the origin in graphs and data displays.**L9-10RST7** | **Common Core Standard(s)**:**MCC9-12.N.Q.1.** Use units as a way to understand problems and to guide the solution of multi-step problems; choose and interpret units consistently in formulas; choose and interpret the scale and the origin in graphs and data displays.**L9-10RST7**. | **Common Core Standard(s)**:**MCC9-12.A.CED.1** Create equations and inequalities in one variable and use them to solve problems..**L9-10RST7**  | **Common Core Standard(s)**:**MCC9-12.N.Q.3** Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.**L9-10RST7** |
|  | **EQ Question**: How do I create equations and inequalities in one variable and use them to solve problems arising from linear functions? | **EQ Question**: How can you use units to understand problems and guide the solution to proportions? | **EQ Question:** How can you create proportions and use them to solve problems? | **EQ Question**: How can you choose appropriate levels of precision and accuracy when solving problems?  |
|  | **Mini Lesson**: Solving Equations**Activating Strategy:** PARCC Mini-Task, p. 29 (#12)**Lesson: More on Linear Applications**1. Finish Task
2. More applications for practice
3. Start Section 2-1: Rates, Ratios and Proportions

**Resource/Materials:**  Tasks, Powerpoint, Worksheets, Solving Equations WS (due Friday) | **Mini Lesson:** Solving Equations**Activating Strategies:** Alternate Opener – Exploration (2-1)**Lesson: Rates, Ratios, and Proportions (Section 2-1)**1. Notes – Guided Notes
2. Classwork – Practice Problems
3. Assignment – Worksheets, PARCC Practice

**Resource/Materials:** Powerpoint, worksheets | **Mini Lesson:** Solving Proportions**Activating Strategies:** How much do these people make each week, knowing how long it takes them to make $1000.**Lesson: Applications of Proportions (Section 2-2)**1. Guided Practice Problems
2. Assignment –Worksheets (Section 3-3)

**Resource/Materials:** Powerpoint, worksheets | **Mini Lesson:** Solving Proportions**Activating Strategies:** Questions to the Teacher/PARCC Question #8, p. 53**Lesson: Precision and Accuracy (Section 2-3)**1. Guided Notes
2. Practice Problems
3. Assignment - WS

**Resource/Materials:** Powerpoint, worksheets |
|  | **Differentiation:***Content/Process/Product:* *Grouping Strategy:* Partners, based on Tuesday’s test*Assessment:* informal | **Differentiation:***Content/Process/Product:* Modified Worksheet*Grouping Strategy:**Assessment:* informal | **Differentiation:***Content/Process/Product:* Activating Strategy (Content)*Grouping Strategy:**Assessment:* informal | **Differentiation:***Content/Process/Product:* Modified Worksheet*Grouping Strategy: Assessment:* informal |
|  | **Assessment :***Formative:* thumbs up/down*Summative:* **Task** | **Assessment :***Formative:* thumbs up/down*Summative:*  | **Assessment :***Formative:* thumbs up/down*Summative:*  | **Assessment :***Formative:* thumbs up/down*Summative:*  |
|  | **Homework:** Solving Eqns Worksheet | **Homework:** Worksheets | **Homework:** Worksheets | **Homework:** Worksheets |