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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 |