|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Grade Level 9th Coordinate Algebra A | | **Teacher/Room**: L. Payne/Room 181 1st&2nd Week of: September 22-September 26, 2014 | | | |
| **Unit Vocabulary:** coefficient, constraint, domain, equation, inequality, ordered pair, range, substitution, term, variable, slope, intercepts, intersection, parallel, perpendicular, consistent, inconsistent, dependent | | | | | |
| **Instructional Strategies Used:** direct instruction, independent study, interactive instruction, partners, small groups | | | | | |
| **Day 1** | **Day 2** | | **Day 3** | **Day 4** | **Day 5** |
| **Common Core Standard(s)**:  All that we have covered so far. | **Common Core Standard(s)**:  **MCC9‐12.A.REI.6** Solve systems of linear equations exactly and approximately (e.g., with graphs), focusing on pairs of linear equations in two variables.  **L9-10RST7**: Translate quantitative or technical information expressed in words in a text into visual form and translate info expressed visually or mathematically into words | | **Common Core Standard(s)**:  **MCC9‐12.A.REI.6** Solve systems of linear equations exactly and approximately (e.g., with graphs), focusing on pairs of linear equations in two variables.  **L9-10RST7**: Translate quantitative or technical information expressed in words in a text into visual form and translate info expressed visually or mathematically into words | **Common Core Standard(s)**:  **MCC9‐12.A.REI.5** Prove that, given a system of two equations in two variables, replacing one equation by the sum of that equation and a multiple of the other produces a system with the same solutions**.**  **L9-10RST7**: Translate quantitative or technical information expressed in words in a text into visual form and translate info expressed visually or mathematically into words | **Common Core Standard(s)**:  **MCC9‐12.A.REI.5** Prove that, given a system of two equations in two variables, replacing one equation by the sum of that equation and a multiple of the other produces a system with the same solutions**.**  **L9-10RST7**: Translate quantitative or technical information expressed in words in a text into visual form and translate info expressed visually or mathematically into words |
| **EQ Question:** All that we have covered so far. | **EQ Question:** How do I solve a system of linear equations by substitution? | | **EQ Question:** How do I solve a system of linear equations by substitution? | **EQ Question:** How do I solve a system of linear equations by elimination? | **EQ Question:** How do I solve a system of linear equations by elimination? |
| **Sub Plans** (*ESL Training*):  Review Materials | **Mini Lesson:** Solving Systems by Graphing  **Activating Strategies:**  Right/Wrong: Solving by Substitution  **Lesson**: **Solving Systems by Substitution**  1.Powerpoint with guided notes  2. Graphic Organizer  3. Practice Problems (Partners)  4. Assignment  **Resource/Materials:** Powerpoint, Graphic Organizers, Guided Notes, Worksheet | | **Mini Lesson:** Solving Systems by Substitution  **Activating Strategies:**  Application: Solving by Substitution  **Lesson**: **Solving Systems by Substitution**  1.More Practice with Solving Systems by Substitution  2.. Assignment  3. Quiz: Solving Systems by Graphing and Substitution  **Resource/Materials:** Powerpoint, Quizzes, Worksheet | **Mini Lesson:** Partner Practice - Substitution  **Activating Strategies:** Right/Wrong – Elimination  **Lesson: Solving Systems by Elimination**   1. Whole Group Task: Solving Systems of Eqns Algebraically 2. Powerpoint – Keeper 9 with guided notes 3. Graphic Organizer 4. Practice problems (Partners) 5. Assignment   **Resource/Materials:** Powerpoint, partner practice WS, tasks, elimination worksheets | **Mini Lesson:** Solve the system by any method  **Activating Strategies:** One System – Three Ways (graphic organizer)  **Lesson: Solving Systems by Elimination (continued)**   1. More practice with solving by elimination 2. Assignment 3. Quiz: Solving systems using all 3 methods   **Resource/Materials:** Powerpoint, quizzes, elimination worksheets |
| **Differentiation:**  *Content/Process/Product:*  *Grouping Strategy:*  *Assessment:* | **Differentiation:**  *Content/Process/Product:* graphic organizer, guided notes  *Grouping Strategy: Partners*  *Assessment:* teacher observation | | **Differentiation:**  *Content/Process/Product:*  *Grouping Strategy:*  *Assessment:* | **Differentiation:**  *Content/Process/Product:* graphic organizer, guided notes  *Grouping Strategy:* Partners  *Assessment:* teacher observation | **Differentiation:**  *Content/Process/Product:* graphic organizer  *Grouping Strategy:*  *Assessment:* |
| **Assessment :**  *Formative:*  *Summative:* | **Assessment :**  *Formative:* thumbs up/down, monitoring classwork  *Summative:* | | **Assessment :**  *Formative:* thumbs up/down, quiz  *Summative:* | **Assessment :**  *Formative:* thumbs up/down, monitoring classwork  *Summative:* | **Assessment :**  *Formative:* thumbs up/down, quiz  *Summative:* |
| **Homework**: none | **Homework**: Solving by Substitution WS | | **Homework**: Solving by Substitution WS | **Homework:** Solving by Elimination WS | **Homework:** Solving by Elimination WS |

Resources and Reflective Notes: