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| **Grade Level:**  **LESSON PLANS ARE SUBJECT TO CHANGE DAILY!** | | 9th | | **Teacher/Room**: | | | | LPAYNE | | / | | 181 | **Course(s)/ Period(s):** | | COORDINATE ALGEBRA | | / | 1ST | **Week of:** | | FEB 24-28 | |
| **Unit Vocabulary:** | | | Algebra, Coefficient, Domain, Equation, Expression, Function, Inequality, Ordered Pair, Perimeter, Pythagorena Thrm., Range, Substitution, Variable | | | | | | | | | | | | | | | | | | | |
| **Instructional Strategies Used:** | | | | | | Activating Prior Knowledge, Graphic Organizers, Group Work, Guess and Check, Guided Discovery, Ticket out the Door, Teaching for Understanding | | | | | | | | | | | | | | | | |
| **Monday** | | | | | **Tuesday** | | | | | | **Wednesday** | | | | **Thursday** | | | | | **Friday** | | |
| **Common Core Standard(s)**: | | | | | **Common Core Standard(s)** | | | | | | **Common Core Standard(s)**: | | | | **Common Core Standard(s)**: | | | | | **Common Core Standard(s)**: | | |
| MCC 9-12. A.CED.5. Prove that a system of two equations in two variables, replacing one equation by the sum of hat equations and a multiple of the other produces a system with the same solutions.  MCC9-12 A.REI.6 Solve syste4ms of linear equations exactly and approximately (with graphs), focusing on pairs of linear equations in two variables.  L9-10RST7 | | | | | Mcc9-12 A.CED.1 Create inequalities in one variable and use them to solve problems  MCC9-12 A.REI.3 Solve linear inequalities in one variable | | | | | | Mcc9-12 A.CED.1 Create inequalities in one variable and use them to solve problems  MCC9-12 A.REI.3 Solve linear inequalities in one variable | | | | Mcc9-12 A.CED.1 Create inequalities in one variable and use them to solve problems  MCC9-12 A.REI.3 Solve linear inequalities in one variable | | | | | Mcc9-12 A.CED.1 Create inequalities in one variable and use them to solve problems  MCC9-12 A.REI.3 Solve linear inequalities in one variable | | |
| **Essential Question:** | | | | | **Essential Question:** | | | | | | **Essential Question:** | | | | **Essential Question:** | | | | | **Essential Question:** | | |
| How do we solve for systems of equations | | | | | How can you solve inequalities that involve more than one operations? | | | | | | **How can you solve compound inequalities and graph their solutions?** | | | | **How can you solve compound inequalities and graph their solutions?** | | | | | **How can you solve compound inequalities and graph their solutions?** | | |
| **Mini Lesson:** | | | | | **Mini Lesson:** | | | | | | **Mini Lesson:** | | | | **Mini Lesson:** | | | | | **Mini Lesson:** | | |
| * **Check homework** | | | | | * **Section 5.1** | | | | | | * **Check homework** | | | |  | | | | |  | | |
| **Activating Strategies:** | | | | | **Activating Strategies:** | | | | | | **Activating Strategies:** | | | | **Activating Strategies:** | | | | | **Activating Strategies:** | | |
| * **White Boards** * **Think Pair Share** | | | | | * **White Boards** * **Think Pair Share** | | | | | | * **White Boards** * **Think Pair Share** | | | | * **White Boards** * **Think Pair Share** | | | | | * **White Boards** * **Think Pair Share** | | |
| **Lesson:** | | | | | **Lesson:** | | | | | | **Lesson:** | | | | **Lesson:** | | | | | **Lesson:** | | |
| * **TEST** | | | | | * **5.1Solving two step and multi step inequalities** * **and 5.2 Solving inequalities with variables on both sides** | | | | | | * 5.3 Solving compound inequalities. | | | | * 5.3 Solving compound inequalities * Review | | | | | * **TEST** | | |
| **Resource/Materials:** | | | | | **Resource/Materials:** | | | | | | **Resource/Materials:** | | | | **Resource/Materials:** | | | | | **Resource/Materials:** | | |
| * **Text** * **PowerPoint** * **Calculator** * **TASK** | | | | | * **Text** * **PowerPoint** * **Calculator** * **TASK** | | | | | | * **Text** * **PowerPoint** * **Calculator** * **TASK** | | | | * **Text** * **PowerPoint** * **Calculator** * **TASK** | | | | | * **Text** * **PowerPoint** * **Calculator** * **TASK** | | |
| **Differentiation:**  ***Content/Process/Product:*** | | | | | **Differentiation:**  ***Content/Process/Product:*** | | | | | | **Differentiation:**  ***Content/Process/Product:*** | | | | **Differentiation:**  ***Content/Process/Product:*** | | | | | **Differentiation:**  ***Content/Process/Product:*** | | |
| * **homework** | | | | | * Graphic Organizers | | | | | | * Graphic Organizers | | | | * homework | | | | | * NA | | |
| ***Grouping Strategy (if any):*** | | | | | ***Grouping Strategy (if any):*** | | | | | | ***Grouping Strategy (if any):*** | | | | ***Grouping Strategy (if any):*** | | | | | ***Grouping Strategy (if any):*** | | |
|  | | | | | * Flexible Grouping | | | | | | * Flexible Grouping | | | | * NA | | | | | * NA | | |
| ***Assessment Strategy:*** | | | | | ***Assessment Strategy:*** | | | | | | ***Assessment Strategy:*** | | | | ***Assessment Strategy:*** | | | | | ***Assessment Strategy:*** | | |
| * **Post test** | | | | | * Grouping based on formative assessment | | | | | | * Grouping based on formative assessment | | | | * NA | | | | | * NA | | |
| **Assessment :** | | | | | **Assessment :** | | | | | | **Assessment :** | | | | **Assessment :** | | | | | **Assessment :** | | |
| ***Formative:*** warm up, survey, or homework |  | | | | ***Formative:*** | | | | warm up, survey, or homework | | ***Formative:*** | | | warm up, survey, or homework | ***Formative:*** | warm up, survey, or homework | | | | ***Formative:*** | | warm up, survey, or homework |
| ***Summative:*** | NA | | | | ***Summative:*** | | | | Check homework | | ***Summative:*** | | | Check homework | ***Summative:*** | Check homework | | | | ***Summative:*** | | ***TEST*** |
| **Homework:** | | | | | **Homework:** | | | | | | **Homework:** | | | | **Homework:** | | | | | **Homework:** | | |
| Chapter 5 packet | | | | | Chapter 5 packet | | | | | | Chapter 5 packet | | | | Chapter 5 packet | | | | |  | | |
| Resources and Reflective Notes: | | | | | | |  | | | | | | | | | | | | | | | |