|  |  |  |  |  |  |  |  |  |  |  |  |
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| **Grade Level:**  | 9th | **Teacher/Room**: | LPAYNE  | / | 181 | **Course(s)/ Period(s):**  | ALGEBRA I | / | 2ND  | **Week of:** | September 5-9 |
| **Unit Vocabulary:**  | SEE ATTACHED |
| **Instructional Strategies Used:**  |       |
| **Day 1** | **Day 2** | **Day 3** | **Day 4** | **Day 5** |
| **GSE/GPS Standard(s)**: | **GSE/GPS Standard(s)**: | **GSE/GPS Standard(s)**: | **GSE/GPS Standard(s)**: | **GSE/GPS Standard(s)**: |
|       | A.CED.4 Rearrange formulas to highlight a quantity of interest using the same reasoning as in solving equations. .A.CED.1 Create equations and inequalities in one variable and use them to solve problems.  | A.CED.4 Rearrange formulas to highlight a quantity of interest using the same reasoning as in solving equations. .A.CED.1 Create equations and inequalities in one variable and use them to solve problems.     | A.REI.10 Understand that the graph of an equation in two variables is the set of all its solutions plotted in the coordinate planeA.REI.11 Using graphs, tables, or successive approximations, show that the solution to the equation f(x) = g(x) is the x-value where the y-values of f(x) and g(x) are the same. | F.IF.6 Calculate and interpret the average rate of change of a function (presented symbolically or as a table) over a specified interval. Estimate the rate of change from a graph.  |
| **Essential Question:** | **Essential Question:** | **Essential Question:** | **Essential Question:** | **Essential Question:** |
| Labor Day Holiday  | How Can I use percent of change to write equations? How can I solve literal equations? | How can I solve mixture problems? How can I solve literal equations?      | How can I graph linear equations? How can I solve linear equations by graphing?  | How can I find slope and use rate of change?  |
| **Mini Lesson:**  | **Mini Lesson:**  | **Mini Lesson:**  | **Mini Lesson:**  | **Mini Lesson:**  |
| *
 | * Solving multi - step equations
 | * Check homework
 | * check homework
 | * Check homework
 |
| **Activating Strategies:**  | **Activating Strategies:**  | **Activating Strategies:**  | **Activating Strategies:**  | **Activating Strategies:**  |
| *
 | * weekly assignment sheet
 | * class warm-up
 | * class warm-up
 | * class warm-up
* check weekly assignment sheet
 |
| **Lesson:**  | **Lesson:**  | **Lesson:**  | **Lesson:**  | **Lesson:**  |
| *
 | * 2.7- percent of change
* 2.8 Literal equations
 | * 2.9 -weighted averages/mixture problems
 | * 3.1 Graphing linear equatons
* 3.2 Solving linear equations by graphing
 | * 3.3 Rate of change and slope
 |
| **Resource/Materials:** | **Resource/Materials:** | **Resource/Materials:** | **Resource/Materials:** | **Resource/Materials:** |
| *
 | * calculator, text, examples, PP
 | * calculator, text, examples, PP
 | * calculator, text, examples, PP
 | * calculator, text, example, PP
 |
| **Differentiation:*****Content/Process/Product:***  | **Differentiation:*****Content/Process/Product:***  | **Differentiation:*****Content/Process/Product:***  | **Differentiation:*****Content/Process/Product:***  | **Differentiation:*****Content/Process/Product:***  |
| *
 | * different level equations
 | * mixture problems
 | * different level linear equations
* graphing calculator
 | * Slope activity
 |
| ***Grouping Strategy:*** | ***Grouping Strategy:*** | ***Grouping Strategy:*** | ***Grouping Strategy:*** | ***Grouping Strategy:*** |
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| ***Assessment:*** | ***Assessment:*** | ***Assessment:*** | ***Assessment:*** | ***Assessment:*** |
| *
 | * formative- homework
 | * formative-homework
 | * formative-homework
 | * formative-homework
* weekly assignment sheet
 |
| **Assessment :** | **Assessment :** | **Assessment :** | **Assessment :** | **Assessment :** |
| ***Pre-Test:*** |           | ***Pre-Test:*** |       | ***Pre-Test:*** |       | ***Pre-Test:*** |       | ***Pre-Test:*** |       |
| ***Post-Test:***  |       | ***Post-Test:***  |       | ***Post-Test:***  |       | ***Post-Test:***  |       | ***Post-Test:***  |       |
| ***Formative:***  |       | ***Formative:***  |       | ***Formative:*** |       | ***Formative:*** |       | ***Formative:*** |       |
| ***Summative:***  |       | ***Summative:***  |       | ***Summative:*** |       | ***Summative:*** |       | ***Summative:*** |       |
| ***Performance Based:***  | ***Performance Based:***  | ***Performance Based:***  | ***Performance Based:***  | ***Performance Based:***  |
|       |       |       |       |       |
| **Homework:**  | **Homework:**  | **Homework:**  | **Homework:**  | **Homework:**  |
|       | 2.7- 2.8-  | 2.9 | 3.13.2  | 3.3  |
| **Resources and Reflective Notes:** |       |