

## Stage 1 – Desired Results

### Established Goal(s):

- *Students will demonstrate how to undo equations using SADMEP.*

### Understanding(s):

*Students will understand that...*

- *The process of solving is formulaic.*
- *Consistency and showing work are imperative to their success.*
- *Keeping track of negatives can prove to be difficult at times.*

### Essential Question(s)

- *Feeling good about math is what can make math fun and interesting. Solving is the way to that path. Who would like to learn how to solve?*

*Students will know...*

- *SWBAT use PEMDAS to determine the solution in a single variable set.*
- *SWBAT combine like terms and determine a single solution.*

*Students will be able to...*

## Stage 2 – Assessment Evidence

### Performance Task(s):

- *Using whiteboards, students will show step-by-step how to solve for a single variable using SADMEPs.*
- *Students will show work to be assessed. The correct answer does not constitute full credit. The purpose is to show how the answer came about.*

### Other Evidence:

- *Other forms of evidence of learning will be through the "Around-the-World" game and through workbooks.?*
- *Students will provide exit tickets for solving on the last day of instruction.*
- *An assessment will be given on solving to determine understanding.*

## Stage 3 – Learning Plan

- W = this is the foundation for all math in the future. Geometry, Algebra 2 and Calculus all require the knowledge of solving using SADMEPs
- H = once you learn solving, math begins to feel good again. It's like knowing how to throw a ball and all you have to do is practice the technique.
- E = showing your work on the easier problems will help you understand how to show it and solve on the more difficult problems.
- R = test redoing is completely allowed and encouraged. This is a time that students can demonstrate how to do the material and also earn back some points.
- E = during the test redoing, students will write in sentences how they chose to fix their math problems and what they did wrong in the first place.
- T = students can do redoing on their own or they can use notes, ask me the teacher, use the internet and/or ask friends and parents.
- O = write assignments in the planner as well as have access to the notes and assignments online. This includes parents and anyone listed for access (tutors, grandparents, etc.)