6th Grade:

Materials: Math book, technology (laptop, phone), pen/pencil, paper

Day 1: Writing and Evaluating Expressions

- Learning Target: Today I can review writing and evaluating expressions.
- This week we learned how to write and evaluate expressions.
- Students will be getting more practice with this.
- Students are to listen and practice at this website: https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables
    - Complete "Parts of Algebraic Expressions" and "Substitution and Evaluating Expressions"

Day 2: Writing and Evaluating Expressions

- Learning Target: Today I can review writing and evaluating expressions.
- This week we learned how to write and evaluate expressions.
- Students will be getting more practice with this.
- Students are to listen and practice at this website: https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-expressions-and-variables
    - Complete: "Writing Algebraic Expressions Intro" and Writing Basic Algebraic Expressions Word Problems"
    - Take the Quiz 2 when finished

Day 3: Generating Equivalent Expressions

- Learning Target: Today I can generate equivalent expressions
- When terms go together, they have a common variable that goes together with it.
    - For example, $8y^2 – 3y^2$. Since both numbers have a y with it and it also has squared with it as well, you can subtract the numbers and get $5y^2$. For example, $8y^2 – 3y$. You cannot subtract these two because 3y does not have a ^{2} at the end.
    - Another example: 4m + 3(n + 7m). Before you solve, you need to distribute the 3 with the n and 7m. As a result you get 3n + 21m by multiplying 3 x n and 3 x 7m. Now you have 4m + 3n + 21m. Because the m's go together, you can add them together to get 25m. You cannot add 25m + 3n because they are two different variables.
- Students are to watch and complete the exercises for "Distributive property with variables" and "Combining Like Terms"

Day 4: Review of Expressions

- Learning Target: Today I can review expressions
- Students are to complete p. 283 in textbook

Day 5: Writing Equations to Represent Situations

- Learning Target: Today I can write equations to represent situations.
- Students will be watching and practicing: https://www.khanacademy.org/math/cc-sixth-grade-math/cc-6th-equations-and-inequalities
    - “Algebraic Equations Basics” and the two practice parts
- Students are to complete pp. 300-301 #2-22 evens in textbook