STEM Lesson Plans **Math: Accelerated** Priority Standards Unit 1 **Week 1**

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| **Standards:**  **MGSE5.OA.1** Use parentheses, brackets, or braces in numericalor braces in numerical expressions, and evaluate expressions.  **MGSE5.OA2** Write simple that record simple calculations with numbers and interpret numerical expressions, without evaluating them.  **MGSE5.NBT1** Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents to its right and 1/10 of what it represents to its left.  **MGSE5NBT2** Explains patterns in the number of zeros of the product when multiplying a number by powers of ten and explain patters in the placement of the decimal point when a decimal is multiplied or divided by a power of 10.  **MGSE5. NBT5** Fluently multiply multi-digit whole numbers using the standard algorithm up to a 3 digit by 2 digit factor.  **MGSE5NBT6** Fluently divide up to 4-digit divisors by using at least one of several strategies | | | | |
| **EQ:** Why is it important to follow an order of operations? How can an expression be written given a set value? • What is the difference between an equation and an expression? • In what kinds of real-world situations might we use equations and expressions? • How can we evaluate expressions? • How can an expression be written? • How does multiplying a whole number by a power of ten affect the product? • How can estimating help us when solving multiplication problems? • What strategies can we use to efficiently solve multiplication problems? • How can I use what I know about multiplying multiples of ten to multiply two whole numbers? | | | | |
| **Vocabulary: Algorithm • Distributive Property • Dividend • Divisor • Equation • Exponents • Expression • Measurement Division (or repeated subtraction) • Multiplicand • Multiplier • Order of Operations • Partition Division (or fair-sharing) Partial Product • Partial Quotient • Product • Properties of Operations • Quotient • Remainder** | | | | |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **I can write and evaluate numerical expressions.**  **Lesson 1, pg. 11**  Students will watch a recorder lesson on place value (value of digits and writing numbers in expanded and standard form)  **Independent Practice:**  Teacher will introduce the index in math notebooks to students. Students will copy notes in their math notebook.  Students will complete even problems from pages 13 and 14.  If time permits, students will work on the odd problems.  If time allows, student will work 1 iReady lesson  **Small Group Call:**  Teacher will check for comprehension of lesson. Check answers with students.  **HW:**  Book pages 15 & 16 | **I can compare and order numbers through the millions**  **Lesson 2, pg. 17**  Students will watch a recorder lesson on ordering numbers.  **Independent Practice:**  Students will copy notes  Students will complete even problems from pages 19 and 20.  If time permits, students will work on the odd problems.  If time allows, student will work 1 iReady lesson  **Small Group Call:**  Check homework for accuracy.  Teacher will check for comprehension of lesson. Check answers with students.  **HW:**  Book pages 21 and 22 | **I can use models to relate decimals to fractions.**  **Lesson 3, Pg. 23**  Students will watch a recorder lesson on comparing decimals and fractions  **Independent Practice:**  Students will copy notes  Students will complete even problems from pages 25 and 26.  If time permits, students will work on the odd problems.  If time allows, student will work 1 iReady lesson  **Small Group Call:**  Check homework for accuracy.  Teacher will check for comprehension of lesson. Check answers with students.  **HW:**  Book pages 27 and 28 | **TAG Day**  2 students are not in TAG.  **Independent Practice:**  Students will review content from week  Students will complete one iReady lesson | **Check My Progress**  Check homework for accuracy.  Students will complete a Microsoft Forms quiz based on pages 35 and 36.  This is graded work. Students are able to use their book and notes.  If students finish early, they can complete an iReady lesson.  **HW:**  No Homework Friday |
| **Technology:**  **Khan Academy:** | **Technology:**  **Khan Academy:** | **Technology:**  **Khan Academy:** | **Technology:** | **Technology:** |
| **Station 1:** | **Station 2:** | **Station 3:** | **Station 4:** | **Station 5:** |