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| **Standard** | **Vocabulary** | **Learning Targets** | **I got this!** |
| UNDERSTANDS THE PLACE VALUE SYSTEM |
| **MGSE5.NBT.1.** Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and 1/10 of what it represents in the place to its left.**MGSE5.NBT.2** Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number exponents to denote powers of 10. | Numerical PatternsRulesPower of 10 | ***Explain how multiplying a whole number by a power of ten affects the product.***  | Formative Grade(s):   DNM NI P M |
| PERFORMS OPERATIONS WITH MULTI-DIGIT WHOLE NUMBERSPERFORMS OPERATIONS WITH DECIMALS TO HUNDREDTHS |
| **MGSE5.NBT.5** Fluently multiply multi-digit whole numbers using the standard algorithm (or other strategies demonstrating understanding of multiplication) up to a 3 digit by 2 digit factor. | MultiplicationProductsRectangular ArraysArea ModelsAddition | ***Use estimation to help solve multiplication problems.******Apply previous understandings to efficiently solve multiplication problems.***  | Formative Grade(s):   DNM NI P M |
| **MGSE5.NBT.6** Fluently divide up to 4-digit dividends and 2-digit divisors by using at least one of the following methods: strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations or concrete models. (e.g., rectangular arrays, area models) | DivisionQuotientsDividendsSubtraction | ***Use estimation to help solve division problems.******Understand strategies that can be used to efficiently solve division problems.*** | Formative Grade(s):   DNM NI P MSummative Grade: DNM NI P M |
| WRITES AND INTERPRETS NUMERICAL EXPRESSIONS |
| **MGSE5.OA.1** Use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols. | ParenthesesBracketsBracesNumerical Expressions | ***Explain why it is important to follow the order of operations.******Evaluate numerical expressions.*** | Formative Grade(s):   DNM NI P M |
| **MGSE5.OA.2** Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them. | Algebraic ExpressionVariable | ***Write an expression that demonstrates a real-world situation or context.*** | Formative Grade(s):   DNM NI P MSummative Grade: DNM NI P M |