**Grade: 5 Unit: 4 Multiply Decimals**

### **Critical Area:** Extending division to two-digit divisors, integrating decimal fractions into the place value system and developing an understanding of operations with decimals to hundreths, and developing fluency with whole number and decimal operations.

***Standards Addressed:*** *5.NBT.2, 5.NBT.7*

### **Focus Mathematical Practices:**

### MP.7 Look for and make use of structure

* MP.8 Look for and express regularity in repeated reasoning.

To be completed on or about:

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| Prerequisites | Targets | Extensions |
| Prior Learning: | 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 by a power of 10. Use whole number exponents to denote powers of 10.  5.NBT.2 |  |
|  | Multiply decimals to hundredths, using concrete models or drawings and strategies based on place value; relate the strategy to a written method and explain the reasoning used.  5.NBT.7 |  |