

6th Grade Unit 4: Decimal Operations Learning Plan

<p>No more than 5.5 weeks</p>	<p align="center">Learning Target 1: I can add and subtract decimals. 6.NS.3</p>	
	<p>Unit Synopsis: In this unit students will add, subtract, multiply and divide decimals. Students must be able to complete these operations fluently. Students will have to apply their knowledge of computation with decimals to fluently solve real world word problems with decimals. Students will extend their knowledge of equivalent ratios/rates and unit rate from Unit 2, and complete more complex application problems. Students will have to apply their knowledge of percentages to real world situations including, but not limited to, determining the best deal, finding a quicker pace, determine sale prices from a percent discount and determine a total amount number amount from a percentage.</p>	<p>Period 1</p>
	<p>Period 1</p>	<p>I can add or subtract decimals following the standard algorithm.</p>
	<p>Period 2</p>	<p>I can explain why the sum or difference is correct.</p>
	<p align="center">Learning Target 2: I can multiply decimals. 6.NS.3</p>	
	<p>Period 3</p>	<p>I can multiply multi-digit whole numbers following the standard algorithm.</p>
	<p>Period 4</p>	<p>I can multiply decimals following the standard algorithm.</p>
	<p>Period 5</p>	
	<p>Period 6</p>	<p>I can explain why the product is correct.</p>
	<p>Period 7</p>	<p align="center">Mastery Quiz 1</p>
	<p align="center">Learning Target 3: I can divide a decimal by a whole number. 6.NS.3</p>	
	<p>Period 8</p>	<p>I can divide multi-digit whole numbers following the standard algorithm.</p>
	<p>Period 9</p>	<p>I can divide a decimal by a whole number following the standard algorithm.</p>
	<p>Period 10</p>	
	<p>Period 11</p>	<p>I can explain why the quotient is correct.</p>
	<p align="center">Learning Target 4: I can divide a whole number by a decimal. 6.NS.3</p>	
	<p>Period 12</p>	<p>I can divide a whole number by a decimal following the standard algorithm.</p>
	<p>Period 13</p>	<p>I can explain why the quotient is correct.</p>
	<p align="center">Learning Target 5: I can divide a decimal by a decimal. 6.NS.3</p>	

Period 14	I can divide a decimal by a decimal following the standard algorithm.
Period 15	I can explain why the quotient is correct.
Period 16	Mastery Quiz 2
Learning Target 6: I can solve real world problems involving decimals. MP.1, MP.4	
Period 17	I can correctly identify and solve real world problems requiring addition and subtraction of decimals.
Period 18	
Period 19	I can correctly identify and solve real world problem requiring multiplication or division of decimals. **excluding unit rate.
Period 20	
Learning Target 7: I can solve real world unit rate problems with decimals. 6.RP.2, 6.RP.3a, 6.RP.3b	
Period 21	I can determine a unit rate with decimals using a proportion.
Period 22	I can determine a unit rate with decimals using a division equation.
Period 23	I can solve real world unit rate problems with decimals.
Period 24	
Learning Target 8: I can solve real world percent problems. 6.RP.3c	
Period 25	I can solve percent problems using a proportion.
Period 26	I can calculate the percent of a number by converting the percent to a decimal and multiplying.
Period 26	I can calculate the percent of a number by converting the percent to a fraction and multiplying.
Period 27	I can solve real world discount and sale price problems.
Period 28	I can solve real world tax and tip problems.
Period 29	I can determine the original price given the percent discount and the sale price.
Period 30	I can solve real world percent problems.
Period 31	

	Period 32	Miscellaneous: <i>Teacher created quizzes</i> <i>Spiral</i> <i>Review</i> <i>Completing activities</i>
	Period 33	
	Period 34	
	Period 35	
	Period 36	
	Period 37	
	Period 38	
	Period 39	Unit 4 Post Test
	Period 40	Unit 4 Performance Task