

Worth County Elementary School  
Fifth Grade 1st Nine Weeks  
Math Pacing Guide 2021-2022

Week	Dates	Unit Topic	GSE Standard	Overview of lessons taught
1	8/4-8/6 8/9-8/13	Order of Operations  <b>Standards For Mathematical Practice</b>	<b>MGSE5.OA.1</b> Use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols.  <b>Standards for Mathematical Practice</b> (SMP 1-8)	<ul style="list-style-type: none"> <li>• Use the four whole number operations efficiently, including the application of order of operations.</li> <li>• Write, evaluate, and interpret mathematical expressions with and without using symbols.</li> </ul>
2	8/16-8/20	Order of Operations  Numerical Expressions  <b>Standards For Mathematical Practice</b>	<b>MGSE5.OA.1</b> Use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols.  <b>MGSE5.OA.2</b> Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them.  <b>Standards for Mathematical Practice</b> (SMP 1-8)	<ul style="list-style-type: none"> <li>• Use the four whole number operations efficiently, including the application of order of operations.</li> <li>• Write, evaluate, and interpret mathematical expressions with and without using symbols.</li> <li>• Solve problems by representing mathematical relationships between quantities using mathematical expressions and equations.</li> </ul>
3	8/23-8/27  Common Assessment 1A: 8/24	Numerical Expressions  Powers of Ten  <b>Standards For Mathematical Practice</b>	<b>MGSE5.OA.2</b> Write simple expressions that record calculations with numbers, and interpret numerical expressions without evaluating them.  <b>MGSE5.NBT.2</b> Explain patterns in	<ul style="list-style-type: none"> <li>• Solve problems by representing mathematical relationships between quantities using mathematical expressions and equations.</li> <li>• Investigate the effects of multiplying whole numbers by powers of 10.</li> </ul>

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			<p>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.</p> <p style="text-align: center;"><b>Standards for Mathematical Practice</b> (SMP 1-8)</p>	
4	8/30-9/3	Powers of Ten	<p><b>MGSE5.NBT.2</b>        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.</p> <p style="text-align: center;"><b>Standards for Mathematical Practice</b> (SMP 1-8)</p>	<ul style="list-style-type: none"> <li>Investigate the effects of multiplying whole numbers by powers of 10.</li> </ul>
5	9/6-9/10 Labor Day	Decimal Place Value	<p><b>MGSE5.NBT.1</b>        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.</p>	<ul style="list-style-type: none"> <li>Express an understanding that in decimal numbers, a digit in one place represents 10 times what it represents in the place to its right and 1/10 of what it represents in the place to its left.</li> </ul>

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			<b>Standards for Mathematical Practice</b> (SMP 1-8)	
6	9/13-9/17  Common Assessment 1B: 9/17	Decimal Place Value  <b>Standards For Mathematical Practice</b>	<p><b>MGSE5.NBT.1</b> 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.</p> <p><b>MGSE5.NBT.3</b> Read, write decimals to thousandths.</p> <p style="text-align: center;"><b>Standards for Mathematical Practice</b> (SMP 1-8)</p>	<ul style="list-style-type: none"> <li>● Express an understanding that in decimal numbers, a digit in one place represents 10 times what it represents in the place to its right and 1/10 of what it represents in the place to its left.</li> <li>● Read and write decimals to thousandths using base-ten numerals, number names, and expanded form.</li> </ul>
7	9/20-9/24	Decimal Place Value  Decimals- Read, Write, and Compare  Decimals- Rounding  <b>Standards For Mathematical Practice</b>	<p><b>MGSE5.NBT.3</b> Read, write, and compare decimals to thousandths.</p> <p><b>MGSE5.NBT.4</b> Use place value understanding to round decimals up to the hundredths place.</p> <p style="text-align: center;"><b>Standards for Mathematical Practice</b> (SMP 1-8)</p>	<ul style="list-style-type: none"> <li>● Read and write decimals to thousandths using base-ten numerals, number names, and expanded form.</li> <li>● Compare two decimals to thousandths based on meanings of the digits in each place, using <math>&gt;</math>, <math>=</math>, and <math>&lt;</math> symbols to record the results of comparisons.</li> </ul>

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8	9/27-10/1	<p style="text-align: center;">Decimals- Rounding</p> <p style="text-align: center;">Decimals- Adding and Subtracting</p> <p style="text-align: center;"><b>Standards For Mathematical Practice</b></p>	<p><b>MGSE5.NBT.4</b> Use place value understanding to round decimals up to the hundredths place.</p> <p><b>MGSE5.NBT.7</b> Add, subtract decimals to hundredths.</p> <p style="text-align: center;"><b>Standards for Mathematical Practice</b> (SMP 1-8)</p>	<ul style="list-style-type: none"> <li>● Compare two decimals to thousandths based on meanings of the digits in each place, using <math>&gt;</math>, <math>=</math>, and <math>&lt;</math> symbols to record the results of comparisons.</li> <li>● Apply an algorithm or procedure for rounding.</li> </ul>
9	<p style="text-align: center;">10/4-10/8</p> <p style="text-align: center;">Common Assessment 1C: 10/5</p> <p style="text-align: center;">End of 9 weeks 10/7</p> <p style="text-align: center;">Fall Break 10/8-12</p>	<p style="text-align: center;">Multiply Multi-digit Numbers</p>	<p><b>MGSE5.NBT.5</b> 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.</p>	<ul style="list-style-type: none"> <li>● Apply strategies for multiplying a 2- or 3-digit number by a 2-digit number.</li> <li>● Develop paper-and-pencil multiplication algorithms (not limited to the traditional algorithm) for 3- or 4-digit number multiplied by a 2- or 3-digit number.</li> </ul>