

Grade 5 – Mathematics Curriculum

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Instructional Focus	Grade Level Clusters			
Developing fluency with addition and subtraction of fractions, and developing and understanding of the multiplication of fractions and of division of fractions in limited cases.	<ul style="list-style-type: none"> • Write and interpret numerical expressions. • Analyze patterns and relationships. • Understand the place value system. • Perform operations with multi-digit whole numbers and with decimals to hundredths. • Use equivalent fractions as a strategy to add and subtract fractions. • Apply and extend previous understandings of multiplication and division to multiply and divide fractions. • Convert like measurement units within a given measurement system and solve problems involving time. • Represent and interpret data. • Understand concepts of volume and relate volume to multiplication and division. • Graph points on the coordinate plane to solve real-world and mathematical problems. • Classify two-dimensional (plane) figures into categories based on their properties. 			
Extending division to 2-digit divisors, integrating decimal fractions into the place value system and developing understanding of operations with decimals to hundredths, and developing fluency with whole number and decimal operations				
Developing understanding of volume.				
<p>Mathematical Practices Standards:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <ol style="list-style-type: none"> 1. Make sense of problems and persevere in solving them 2. Reason abstractly and quantitatively 3. Construct viable arguments and critique reasoning of others 4. Model with mathematics </td> <td style="width: 50%; border: none;"> <ol style="list-style-type: none"> 5. Use appropriate tools strategically 6. Attend to precision 7. Look for and make use of structure 8. Look for and express regularity in repeated reasoning </td> </tr> </table>			<ol style="list-style-type: none"> 1. Make sense of problems and persevere in solving them 2. Reason abstractly and quantitatively 3. Construct viable arguments and critique reasoning of others 4. Model with mathematics 	<ol style="list-style-type: none"> 5. Use appropriate tools strategically 6. Attend to precision 7. Look for and make use of structure 8. Look for and express regularity in repeated reasoning
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<p>Direct Instructional Materials (Core) Pearson – <i>enVisionmath 2.0</i>, © 2016</p>	<p>Pacing Guide Trimester 1: Topics 1-5 Trimester 2: Topics 6-10 Trimester 3: Topics 11-16</p> <p>Click here for interactive guide.</p>	<p>AK Standards to be Supplemented 5.MD.2 5.MD.4</p>		
<p>Cumulative/Benchmark Assessments</p> <ul style="list-style-type: none"> • Administer electronically as prescribed by <i>enVisionmath 2.0</i> Teacher’s Edition • Submit data (Class Results, Class Mastery) to building administrator. 		<p>Required Fluency: 5.NBT.5 – Multi-digit multiplication.</p>		