

Grade 3 – Mathematics Curriculum

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Instructional Focus	Grade Level Clusters			
Developing understanding of multiplication and division strategies for multiplication and division within 100.	<ul style="list-style-type: none"> • Represent and solve problems involving multiplication and division. • Understand properties of multiplication and the relationship between multiplication and division. • Multiply and divide up to 100. 			
Developing understanding of fractions, especially unit fractions (fractions with numerator 1).	<ul style="list-style-type: none"> • Solve problems involving the four operations, and identify and explain patterns in arithmetic. • Use place value understanding and properties of operations to perform multi-digit arithmetic. 			
Developing understanding of the structure of rectangular arrays and of area.	<ul style="list-style-type: none"> • Develop understanding of fractions as numbers. • Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects. • Represent and interpret data. 			
Describing and analyzing two-dimensional shapes.	<ul style="list-style-type: none"> • Understand concepts of area and relate area to multiplication and division. • Recognize perimeter as an attribute of plane figures and distinguish between linear and area measures. • Reason with shapes and their attributes. 			
<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>District Instructional Materials (Core) Pearson – <i>enVisionmath 2.0</i>, © 2016</p>	<p>Pacing Guide Trimester 1: Topics 1-5 Trimester 2: Topics 6-11 Trimester 3: Topics 12-16</p> <p>Click here for interactive guide.</p>	<p>AK Standards to be Supplemented</p> <p style="text-align: center;">3.MD.3 3.MD.6</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: 3.OA.7 – Multiply/divide up to 100 (know single-digit products from memory) 3.NBT.2 – Add/subtract up to 1000</p>		