



**JSD 251 Math Curriculum
First Grade – Spring 2016**

Month	Materials & Resources	Standard(s)	Learning Activities	Task Analysis	Vocabulary	Assessment	Emphasis
	Envision Math: Common Core: 1st Grade	Common Core State Standards: Math	Learning activities can be found in the Envision Math Teacher's Edition.	Task analysis is the analysis of how a task is accomplished, including a detailed description.	Vocabulary will be on the list under the topic where it is first introduced. It can and should, however, be used and reinforced throughout the entire year and <i>always taught in context.</i>	Assessments should be common among building grade level teams	<p>Major Clusters</p> <p>Students should spend the large majority of their time on major clusters.</p> <p>Supporting Clusters</p> <p>These should be used to enhance the work of the major clusters.</p> <p>Additional Clusters</p> <p>These clusters should not be neglected but less time may be spent on them.</p>



**JSD 251 Math Curriculum
First Grade – Spring 2016**

Month	Materials & Resources	Standard(s)	Learning Activities	Task Analysis	Vocabulary	Assessment	Emphasis
August & September	<p>Number Sense Review (first 2 weeks of the school year)</p> <p>(*build in time telling/writing to hour/half hour on analog and digital clocks to daily calendar Math or teach Topic 13**)</p>		<p><u>Number Sense</u> - doe.virginia.gov bemidjistate.edu duation.com educators.brainpop.com education.com</p>		<p><u>Number Sense</u> number words, more, less, same, bigger, smaller, equal, how many, count, attribute words (e.g., color, design, size), before, after, counting on, counting back, fewer, less, above, below, beside, group, plus, make, ordinal number words, top, bottom, left, right, place, one more than, one less than</p>		
September	<p>EnVision Math Topic 3</p>	<p>Topic 3</p> <p>Standards for Mathematical Content</p> <p>Domain Operations and Algebraic Thinking</p> <p>Cluster Understand and apply properties of operations and the relationship between addition and subtraction.</p> <p>Cluster Add and subtract within 20.</p> <p>Cluster Work with addition and subtraction equations.</p> <p>Standards 1.OA.4, 1.OA.5, 1.OA.6, 1.OA.8</p>	<p>Topic 3: Lessons 3-1 through 3-5</p>		<p>Topic 3 part whole missing part part I know table ten-frame</p>	<p>EnVision Topic Test or Common Building Grade Level Assessment</p>	<p>Major Clusters</p> <p>*Students should spend the majority of their time on major clusters</p>



**JSD 251 Math Curriculum
First Grade – Spring 2016**

September & October	EnVision Math Topic 7	<p>Topic 7 Standards for Mathematical Content</p> <p>Domain Number and Operations in Base Ten</p> <p>Cluster Extend the counting sequence.</p> <p>Cluster Understand place value.</p> <p>Standards 1.NBT.1, 1.NBT.2, 1.NBT.2.a, 1.NBT.2.b, 1.NBT.2.c</p>	<p>Topic 7: Lessons 7-1 through 7-6</p> <p>education.com speed-counting games</p> <p>abcya.com</p> <p>splashmath.com</p> <p>cut apart 120 charts to create puzzles</p>		<p>Topic 7 fewer more skip count row digit column</p>	EnVision Topic Test or Common Building Grade Level Assessment	<p>Major Clusters</p> <p>*Students should spend the majority of their time on major clusters</p>
Month	Materials & Resources	Standard(s)	Learning Activities	Task Analysis	Vocabulary	Assessment	Emphasis
October	EnVision Math Topic 1	<p>Topic 1 Standards for Mathematical Content</p> <p>Domain Operations and Algebraic Thinking</p> <p>Cluster Represent and solve problems involving addition and subtraction.</p> <p>Cluster Understand and apply properties of operations and the relationship between addition and subtraction.</p> <p>Cluster Work with addition and subtraction equations.</p> <p>Standards 1.OA.1, 1.OA.3, 1.OA.7, 1.OA.8</p>	<p>Topic 1: Lessons 1-1 through 1-8</p> <p>**Begin Rocket Math fluency program or other similar daily fluency practice activities after Topic 1**</p>		<p>Topic 1 join part addition sentence addend plus (+) equals (=) sum in all inside outside whole add order double</p>	EnVision Topic Test or Common Building Grade Level Assessment	<p>Major Cluster</p> <p>*Students should spend the majority of their time on major clusters</p>



**JSD 251 Math Curriculum
First Grade – Spring 2016**

October & November	EnVision Math Topic 2	Topic 2 Standards for Mathematical Content Domain Operations and Algebraic Thinking Cluster Represent and solve problems involving addition and subtraction. Cluster Understand and apply properties of operations and the relationship between addition and subtraction. Cluster Add and subtract within 20. Cluster Work with addition and subtraction equations. Standards 1.OA.1, 1.OA.4, 1.OA.6, 1.OA.7, 1.OA.8	Topic 2: Lessons 2-1 through 2-11		Topic 2 minus difference more than less than missing part compare subtraction-sentence minus sign subtract equal sign	EnVision Topic Test or Common Building Grade Level Assessment	Major Cluster *Students should spend the majority of their time on major clusters
Month	Materials & Resources	Standard(s)	Learning Activities	Task Analysis	Vocabulary	Assessment	Emphasis
November & December	EnVision Math Topic 4	Topic 4 Standards for Mathematical Content Domain Operations and Algebraic Thinking Cluster Represent and solve problems involving addition and subtraction. Cluster Understand and apply properties of operations and the relationship between addition and subtraction. Cluster Add and subtract within 20. Cluster Work with addition and subtraction equations. Standards 1.OA.1, 1.OA.3, 1.OA.4, 1.OA.5, 1.OA.6, 1.OA.7, 1.OA.8	Topic 4: Lessons 4-1 through 4-10		Topic 4 model add number sentence near double double doubles plus- one 2 less than 1 less than 0 less than	EnVision Topic Test or Common Building Grade Level Assessment	Major Cluster *Students should spend the majority of their time on major clusters



**JSD 251 Math Curriculum
First Grade – Spring 2016**

Month	Materials & Resources	Standard(s)	Learning Activities	Task Analysis	Vocabulary	Assessment	Emphasis
January & February	EnVision Math Topic 5 (extra week built in for activities and games to practice facts)	Topic 5 Standards for Mathematical Content Domain Operations and Algebraic Thinking Cluster Represent and solve problems involving addition and subtraction. Cluster Understand and apply properties of operations and the relationship between addition and subtraction. Cluster Add and subtract within 20. Cluster Work with addition and subtraction equations. Standards 1.OA.1, 1.OA.2, 1.OA.3, 1.OA.6, 1.OA.7, 1.OA.8	Topic 5: Lessons 5-1 through 5-9		Topic 5 doubles plus 1 doubles plus 2	EnVision Topic Test or Common Building Grade Level Assessment	Major Cluster *Students should spend the majority of their time on major clusters
	EnVision Math Topic 6	Topic 6 Standards for Mathematical Content Domain Operations and Algebraic Thinking Cluster Represent and solve problems involving addition and subtraction. Cluster Understand and apply properties of operations and the relationship between addition and subtraction. Cluster Add and subtract within 20. Cluster Work with addition and subtraction equations. Standards 1.OA.1, 1.OA.4, 1.OA.6, 1.OA.8	Topic 6: Lessons 6-1 through 6-7		Topic 6 related facts fact family	EnVision Topic Test or Common Building Grade Level Assessment	Major Cluster *Students should spend the majority of their time on major clusters
February	EnVision Math Topic 8 extra week built in for activities and games to	Topic 8 Standards for Mathematical Content Domain Number and Operations in Base Ten Cluster Understand place value. Standards 1.NBT.2, 1.NBT.2a, 1.NBT.2c	Topic 8: Lessons 8-1 through 8-6 **build in practice to understand that the two digits		Topic 8 tens ones digit break apart a ten	EnVision Topic Test or Common Building Grade Level Assessment	Major Cluster *Students should spend the majority of



**JSD 251 Math Curriculum
First Grade – Spring 2016**

February	practice facts)		of a number represent amounts of tens and ones either in daily calendar math or other activities**				their time on major clusters
Month	Materials & Resources	Standard(s)	Learning Activities	Task Analysis	Vocabulary	Assessment	Emphasis
March	EnVision Math Topic 9	Topic 9 Standards for Mathematical Content Domain Number and Operations in Base Ten Cluster Extend the counting sequence. Cluster Understand Place Value. Cluster Use place value understanding and properties of operations to add and subtract. Standards 1.NBT.1, 1.NBT.2, 1.NBT.3, 1.NBT.4, 1.NBT.5	Topic 9: Lessons 9-1 through 9-5		Topic 9 1 more 1 less 10 more 10 less equal to less than greater than greatest least	EnVision Topic Test or Common Building Grade Level Assessment	Major Cluster *Students should spend the majority of their time on major clusters
	EnVision Math Topic 10	Topic 10 Standards for Mathematical Content Domain Number and Operations in Base Ten Cluster Use place value understanding and properties of operations to add and subtract. Standards 1.NTB.4, 1.NTB.5	Topic 10: Lessons 10-1 through 10-6		Topic 10 regroup	EnVision Topic Test or Common Building Grade Level Assessment	Major Cluster *Students should spend the majority of their time on major clusters



**JSD 251 Math Curriculum
First Grade – Spring 2016**

Month	Materials & Resources	Standard(s)	Learning Activities	Task Analysis	Vocabulary	Assessment	Emphasis
April	EnVision Math Topic 11	Topic 11 Standards for Mathematical Content Domain Number and Operations in Base Ten Cluster Use place value understanding and properties of operations to add and subtract. Standards 1.NBT.5, 1.NBT.6	Topic 11: Lessons 11-1 through 11-6		Topic 11 ones difference hundred chart tens regroup subtract	EnVision Topic Test or Common Building Grade Level Assessment	Major Cluster *Students should spend the majority of their time on major clusters
	EnVision Math Topic 12	Topic 12 Standards for Mathematical Content Domain Measurement and Data Cluster Measure lengths indirectly and by iterating length units. Standards 1.MD.1, 1.MD.2	Topic 12: Lessons 12-1 through 12-6		Topic 12 longest/er shortest/er length measurement estimate measure tallest/er	EnVision Topic Test or Common Building Grade Level Assessment	Major Cluster *Students should spend the majority of their time on major clusters



**JSD 251 Math Curriculum
First Grade – Spring 2016**

Month	Materials & Resources	Standard(s)	Learning Activities	Task Analysis	Vocabulary	Assessment	Emphasis
May	EnVision Math Topic 14	Topic 14 Standards for Mathematical Content Domain Measurement and Data Cluster Represent and interpret data. Standard 1.MD.4	Topic 14: Lessons 14-1 through 14-7		Topic 14 picture graph bar graph data tally mark	EnVision Topic Test or Common Building Grade Level Assessment	Supporting Clusters **These should be used to enhance the work of the major clusters.
	EnVision Math Topic 15	Topic 15 Standards for Mathematical Content Domain Geometry Cluster Reason with shapes and their attributes. Standards 1.G.1, 1.G.2	Topic 15: Lessons 15-1 through 15-10		Topic 15 plane shape hexagon trapezoid sort side corner solid figure cube sphere rectangular prism cone cylinder vertex flat surface pyramid	EnVision Topic Test or Common Building Grade Level Assessment	Additional Cluster **These clusters should not be neglected but less time may be spent on them.



**JSD 251 Math Curriculum
First Grade – Spring 2016**

<p>May</p>	<p>EnVision Math Topic 16 (15 and 16 will need to be adjusted as needed)</p> <p>EnVision Math Topic 17 (if time allows)</p>	<p>Topic 16 Standards for Mathematical Content Domain Geometry Cluster Reason with shapes and their attributes. Standard 1.G.3</p>	<p>Topic 16: Lessons 16-1 through 16-4</p> <p>Topic 17: Lessons 17-1 through 17-10</p>		<p>Topic 16 equal parts</p>	<p>EnVision Topic Test or Common Building Grade Level Assessment</p>	<p>Additional Cluster</p> <p>**These clusters should not be neglected but less time may be spent on them.</p>
<p>Month</p>	<p>Materials & Resources</p>	<p>Standard(s)</p>	<p>Learning Activities</p>	<p>Task Analysis</p>	<p>Vocabulary</p>	<p>Assessment</p>	<p>Emphasis</p>