

5th Grade Math Curriculum Bundle # 10

Title	Suggested Dates
TAKS Review / Algebraic Thinking	March 22 – April 16 (19 days)

Big Idea/Enduring Understanding	Guiding Questions
Problems can be solved by selecting and developing an appropriate problem-solving plan or strategy.	<p>How do you know if your answer is reasonable?</p> <p>Is there more than one way to solve a problem?</p> <p>How do you determine the best problem solving strategy?</p>

The resources included here provide teaching examples and/or meaningful learning experiences to address the District Curriculum. In order to address the TEKS to the proper depth and complexity, teachers are encouraged to use resources to the degree that they are congruent with the TEKS and research-based best practices. Teaching using only the suggested resources does not guarantee student mastery of all standards. Teachers must use professional judgment to select among these and/or other resources to teach the district curriculum.

Knowledge & Skills with Student Expectations	District Specificity/Examples	Suggested Resources (See note above)	
		Teachers will use Math Investigations as the main instructional resource. District resources are listed and categorized to indicate suggested uses. Any additional resources must be aligned with the TEKS.	
<p>Teacher Note: The week before will be used for review of skills before the first administration of the TAKS Math test.</p> <p>Teacher Note: You might want to concentrate on the following SE's 5.2C, 5.5A, 5.6A, 5.11A, 5.11B, 5.12A, 5.13B, 5.14B and 5.15B.</p>	<p>Including but not limited to</p> <p style="color: red;">You might want to concentrate on the following SE's 5.2C, 5.5A, 5.6A, 5.11A, 5.11B, 5.12A, 5.13B, 5.14B and 5.15B.</p>	<p><u>Math Investigations</u></p> <p><u>Texas Curriculum Unit Unit 10</u></p> <p>Sessions 1 – 20 pages 21 – 40</p> <p>Teacher Note: Follow the Activity directions to reinforce TEKS prior to the 1st Administration of TAKS.</p>	<p><u>Small Group Lessons/Centers</u></p> <p>Additional Resources on District web page – Jeopardy Review Game(on-line Math site)</p>
<p>5.6 The student describes relationships mathematically.</p> <p>5.6A Select from and use diagrams and equations such as $y = 5 + 3$ to represent meaningful problem situations.</p>	<p>Including but not limited to</p> <ul style="list-style-type: none"> • extract necessary information needed to solve the problem (ignoring extraneous information) and recognizes the operation(s) needed to solve (relationships may be written in words) • select and use diagrams to represent meaningful problem situations 	<p>Old Investigations</p> <p><u>Patterns of Change</u></p> <p>Investigations 1 Sessions 1 – 4 pages 4 – 25</p>	<p><u>Whole Group Lessons</u></p> <p><u>Fifth Sense</u> Objective 2 Lessons 5.6A (lessons 1 and 2)</p>

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	<ul style="list-style-type: none"> • generate, select from and use equations (single and multiple step) to represent meaningful problem situations • equations may include numerical representation such as creating a number sentence based on a word problem • equations may include variable representation such as letter for unknown value • use labels of the problem situation when reading the equation to see if it make sense and matches the problem using reasonableness • connect diagrams and equations to the problem situation • justify equation or selection of equation • represent equations concretely, pictorially and abstractly 		<p><u>Small Group Lessons/Centers</u></p> <p><u>A.I.R.R</u> (Addendum book) Write the Matching Equation #17 Write an Equation to Match the Diagram #18</p>
<p>5.14 The student applies Grade 5 mathematics to solve problems connected to everyday experiences and activities in and outside of school.</p> <p>5.14C Solve problems that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness.</p>	<p>Including but not limited to</p> <ul style="list-style-type: none"> • extract necessary information needed to solve the problem (ignoring extraneous information) and recognizes the operation(s) needed to solve (relationships may be written in words) 		<p><u>Fifth Sense</u> Objective 6 Lesson 5.14C</p>