

Curriculum Map

Subject: <u>Math</u>	Grade Level: <u>7th</u>	Sixth Week: <u>4th</u>	Week: <u>1</u>
Instructional Focus Summary	Estimate sums, differences, products, and quotients of fractions and mixed numbers. Add and subtract fractions. Add and subtract mixed numbers. Solve problems by eliminating possibilities. Assessment.		
TEKS/SE (Bolded TEKS/SE are assessed with TAKS) <u>(Power TEKS/Student Expectations are Underlined)</u> (TEKS below 80% passing on the last TAKS test)	<p>7.2) Number, operation, and quantitative reasoning. The student adds, subtracts, multiplies, or divides to solve problems and justify solutions.</p> <p>The student is expected to:</p> <p>B) use addition, subtraction, multiplication, and division to solve problems involving fractions and decimals;</p> <p>(7.13) Underlying processes and mathematical tools. The student applies Grade 7 mathematics to solve problems connected to everyday experiences, investigations in other disciplines, and activities in and outside of school.</p> <p>B) use a problem-solving model that incorporates understanding the problem, making a plan, carrying out the plan, and evaluating the solution for reasonableness;</p>		
Concepts/ Vocabulary	Compatible Numbers, like and unlike fractions, multiplicative inverse, reciprocal		
Resources	Glencoe Texas Mathematics Course 2, Measuring UP Workbook, Buckle Down Workbook,		
Instructional Activities	To introduce lessons follow Mini Labs in Getting Ready for the Lesson		
Assessment	Mid Chapter Quizzes and Chapter Test		
Integration			
Intervention	Re-teaching using Study Guide, Notables, 5 minute Checks and TAKS Countdown		
Extension			

Subject: <u>Math</u>	Grade Level: <u>7</u>	Sixth Week: <u>4th^t</u>	Week: <u>2</u>
Instructional Focus Summary	Multiply Fractions and Mixed Numbers. Solve equations with Rational Number solutions. Divide Fractions and Mixed Numbers		
<p>TEKS/SE</p> <p>(Bolded TEKS/SE are assessed with TAKS)</p> <p><u>(Power TEKS/Student Expectations are Underlined)</u></p> <p>(TEKS below 80% passing on the last TAKS test)</p>	<p>7.2) Number, operation, and quantitative reasoning. The student adds, subtracts, multiplies, or divides to solve problems and justify solutions.</p> <p>The student is expected to:</p> <p>B)use addition, subtraction, multiplication, and division to solve problems involving fractions and decimals;</p>		
Concepts/ Vocabulary	Multiplicative Inverse and reciprocal		
Resources	Glencoe Texas Mathematics Course 2, Measuring UP Workbook, Buckle Down Workbook		
Instructional Activities	To introduce lessons follow Mini Labs in Getting Ready for the Lesson		
Assessment	Mid Chapter Quizzes and Chapter Test		
Integration			
Intervention	Re-teaching using Study Guide, Notables, 5 minute Checks and TAKS Countdown		
Extension			

Subject: <u>Math</u>	Grade Level: <u>7</u>	Sixth Week: <u>4th</u>	Week: <u>3</u>
Instructional Focus Summary	Assessment. Write ratios as fractions in simplest form and determine whether two ratios are equivalent. Determine unit rates.		
<p>TEKS/SE</p> <p>(Bolded TEKS/SE are assessed with TAKS)</p> <p><u>(Power TEKS/Student Expectations are Underlined)</u></p> <p>(TEKS below 80% passing on the last TAKS test)</p>	<p>7.2) Number, operation, and quantitative reasoning. The student adds, subtracts, multiplies, or divides to solve problems and justify solutions.</p> <p>The student is expected to:</p> <p>D) use division to find unit rates and ratios in proportional relationships such as speed, density, price, recipes, and student-teacher ratio;</p>		
Concepts/ Vocabulary	Ratios and equivalent ratios, Rates and unit rates		
Resources	Glencoe Texas Mathematics Course 2, Measuring UP Workbook, Buckle Down Workbook		
Instructional Activities	To introduce lessons follow Mini Labs in Getting Ready for the Lesson		
Assessment	Mid Chapter Quizzes and Chapter Test		
Integration			
Intervention	Re-teaching using Study Guide, Notables, 5 minute Checks and TAKS Countdown		
Extension			

Subject: <u>Math</u>	Grade Level: <u>7</u>	Sixth Week: <u>4th^t</u>	Week: <u>4</u>
Instructional Focus Summary	Find solutions to problems involving proportional relationships. Solve problems involving scale drawings. Write percents as fractions, and decimals and vice versa. Assessment.		
<p>TEKS/SE</p> <p>(Bolded TEKS/SE are assessed with TAKS)</p> <p><u>(Power TEKS/Student Expectations are Underlined)</u></p> <p>(TEKS below 80% passing on the last TAKS test)</p>	<p><u>(7.3) Patterns, relationships, and algebraic thinking. The student solves problems involving direct proportional relationships.</u></p> <p><u>The student is expected to:</u></p> <p>B) <u>estimate and find solutions to application problems involving proportional relationships such as similarity, scaling, unit costs, and related measurement units.</u></p> <p>The student is expected to:(B) convert between fractions, decimals, whole numbers, and percents mentally, on paper, or with a calculator; and</p>		
Concepts/ Vocabulary	Proportional, cross products, scale drawing, scale model, scale factor		
Resources	Glencoe Texas Mathematics Course 2, Measuring UP Workbook, Buckle Down Workbook		
Instructional Activities	To introduce lessons follow Mini Labs in Getting Ready for the Lesson		
Assessment	Mid Chapter Quizzes and Chapter Test		
Integration			
Intervention	Re-teaching using Study Guide, Notables, 5 minute Checks and TAKS Countdown		
Extension			

Subject: <u>Math</u>	Grade Level: <u>7</u>	Sixth Week: <u>4th</u>	Week: <u>5</u>
Instructional Focus Summary	Find solutions to problems involving percent. Solve problems using the percent proportion. Solve problems by determining reasonable answers. Solve problems by using the percent equation. Find the percent of increase or decrease. Solve problems involving sales tax and discount.		
<p>TEKS/SE</p> <p>(Bolded TEKS/SE are assessed with TAKS)</p> <p><u>(Power TEKS/Student Expectations are Underlined)</u></p> <p>(TEKS below 80% passing on the last TAKS test)</p>	<p>7.3) Patterns, relationships, and algebraic thinking. The student solves problems involving direct proportional relationships.</p> <p>The student is expected to:</p> <p>(A) estimate and find solutions to application problems involving percent; and</p> <p>(7.2) Number, operation, and quantitative reasoning. The student adds, subtracts, multiplies, or divides to solve problems and justify solutions.</p> <p>The student is expected to:</p> <p>(G) determine the reasonableness of a solution to a problem.</p>		
Concepts/ Vocabulary	Percent proportion, percent equation, percent of change, increase, or decrease, sales tax, discount,		
Resources	Glencoe Texas Mathematics Course 2, Measuring UP Workbook, Buckle Down Workbook		
Instructional Activities	To introduce lessons follow Mini Labs in Getting Ready for the Lesson		
Assessment	Mid Chapter Quizzes and Chapter Test		
Integration			
Intervention	Re-teaching using Study Guide, Notables, 5 minute Checks and TAKS Countdown		
Extension			

Subject: <u>Math</u>	Grade Level: <u>7</u>	Sixth Week: <u>4th</u>	Week: <u>6</u>
Instructional Focus Summary	Find solutions to problems involving percent. Assessment.		
TEKS/SE (Bolded TEKS/SE are assessed with TAKS) (<u>Power TEKS/Student Expectations are Underlined</u>) (TEKS below 80% passing on the last TAKS test)	<p>7.3) Patterns, relationships, and algebraic thinking. The student solves problems involving direct proportional relationships.</p> <p>The student is expected to:</p> <p>(A) estimate and find solutions to application problems involving percent; and</p>		
Concepts/ Vocabulary	Percent proportion, percent equation, percent of change, increase, or decrease, sales tax, discount,		
Resources	Glencoe Texas Mathematics Course 2, Measuring UP Workbook, Buckle Down Workbook		
Instructional Activities	To introduce lessons follow Mini Labs in Getting Ready for the Lesson		
Assessment	Benchmark Exam		
Integration			
Intervention	Re-teaching using Study Guide, Notables, 5 minute Checks and TAKS Countdown		
Extension			