

August 2020						
S	M	T	W	T	F	S
2	3	4	5	6	7	1/8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

September 2020						
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October 2020						
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November 2020						
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29	30					

December 2020						
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27	28	29	30	31		

January 2021						
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17	18	19	20	21	22	23
24/31	25	26	27	28	29	30

SCUC ISD - 6th Grade Math 2020-2021 Pacing Calendar			
[]	Grading Period		
	Staff Development		
	Staff/Student Holidays		
	Early Release		
	Late Start		
	Flex Days		
	State/National Test		
Unit 1	Equivalent Forms of Fractions, Decimals, and Percents (15) 6.4EFG, 6.5BC		
Unit 2	Ordering Fractions, Decimals and Integers (6) 6.2ACD, 6.4G		
Unit 3	Operations with Positive Fractions and Decimals (13) 6.2E, 6.3ABE		
Unit 4	Operations with Integers (10) 6.2BC, 6.3D		
Unit 5	Proportional Reasoning with Ratios and Rates (16) 6.4BCDEGH, 6.5AB		
Unit 6	Equivalent Expression and One-Variable Equations (14) 6.7ABCD, 6.9ABC, 6.10AB		
Unit 7	One-Variable Inequalities (16) 6.9ABC, 6.10AB		
Unit 8	Algebraic Representations of Two-Variable Relationships (15) 6.4A, 6.6ABC, 6.11A		
Unit 9	Geometry and Measurement (15) 6.4H, 6.8ABCD		
Unit 10	Data Analysis (14) 6.12ABCD, 6.13AB		
Unit 11	Personal Financial Literacy (5) 6.14ABCDEFGH		
Unit 12	Essential Understanding of Algebra (6) 6.4BGH, 6.5AB		
Process Standard in every unit 6.1ABCDEFG			
Key: Readiness Supporting Not Tested			
Common Unit Assessment Scan By Date			
Test	Date	Test	Date
Unit 1/2	22-Sep	Unit 7	29-Jan
Unit 3	9-Oct	Unit 8	22-Feb
Unit 4	27-Oct	Unit 9	22-Mar
Unit 5	19-Nov	Unit 10	12-Apr
Unit 6	17-Dec		
Universal Screener Windows			
August 24- September 11, 2020		BOY	
January 19-29, 2021		MOY	
April 1-16, 2021		EOY	
Updated: 8/6/2020			

February 2021						
S	M	T	W	T	F	S
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28						

March 2021						
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April 2021						
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May 2021						
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30	31					

June 2021						
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July 2021						
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25	26	27	28	29	30	31



SCUC 6th Grade Math Critical Content by Unit

Unit 1 - Equivalent Forms of Fractions, Decimals and Percents	<p>6.4F – Represent benchmark fractions and percents such as 1%, 10%, 25%, 33 1/3%, and multiples of these values using 10 by 10 grids, strip diagrams, number lines, and numbers. Supporting Standard</p> <p>6.4G - Generate equivalent forms of fractions, decimals, and percents using real-world problems, including problems that involve money. Readiness Standard</p>	Unit 7 - One-Variable Inequalities	<p>6.10A – Model and solve one-variable, one-step equations and inequalities that represent problems, including geometric concepts. Readiness Standard</p>
Unit 2 - Ordering Fractions, Decimals, and Integers	<p>6.2D – Order a set of rational numbers arising from mathematical and real-world contexts. Readiness Standard</p> <p>6.2A – Classify whole numbers, integers, and rational numbers using a visual representation such as a Venn diagram to describe relationships between sets of numbers. Supporting Standard</p>	Unit 8 - Algebraic Representations of Two-Variable Relationships	<p>6.6C – Represent a given situation using verbal descriptions, tables, graphs, and equations in the form $y = kx$ or $y = x + b$. Readiness Standard</p> <p>6.11A – Graph points in all four quadrants using ordered pairs of rational numbers. Readiness Standard</p>
Unit 3 - Operations with Positive Fractions and Decimals	<p>6.3E – Multiply and divide positive rational numbers fluently. Readiness Standard</p>	Unit 9 - Geometry and Measurement	<p>6.4H – Convert units within a measurement system, including the use of proportions and unit rates. Readiness Standard</p> <p>6.8D – Determine solutions for problems involving the area of rectangles, parallelograms, trapezoids, and triangles and volume of right rectangular prisms where dimensions are positive rational numbers. Readiness Standard</p>
Unit 4 - Operations with Integers	<p>6.3D - Add, subtract, multiply, and divide integers fluently. Readiness Standard</p>	Unit 10 - Data Analysis	<p>6.12C – Summarize numeric data with numerical summaries, including the mean and median (measures of center) and the range and interquartile range (IQR) (measures of spread), and use these summaries to describe the center, spread, and shape of the data distribution. Readiness Standard</p> <p>6.12D – Summarize categorical data with numerical and graphical summaries, including the mode, the percent of values in each category (relative frequency table), and the percent bar graph, and use these summaries to describe the data distribution. Readiness Standard</p> <p>6.13A – Interpret numeric data summarized in dot plots, stem-and-leaf plots, histograms, and box plots. Readiness Standard</p>
Unit 5 - Proportional Reasoning with Rates and Ratios	<p>6.4B - Apply qualitative and quantitative reasoning to solve prediction and comparison of real-world problems involving ratios and rates. Readiness Standard</p> <p>6.5B - Solve real-world problems to find the whole given a part and the percent, to find the part given the whole and the percent, and to find the percent given the part and the whole, including the use of concrete and pictorial models. Readiness Standard</p>	Unit 11 - Personal Financial Literacy	<p>6.14A – Compare the features and costs of a checking account and a debit card offered by different local financial institutions. Supporting Standard</p> <p>6.14C – Balance a check register that includes deposits, withdrawals, and transfers. Supporting Standard</p> <p>6.14H – Compare the annual salary of several occupations requiring various levels of post-secondary education or vocational training and calculate the effects of the different annual salaries on lifetime income. Supporting Standard</p>
Unit 6 - Equivalent Expressions and One-variable Equations	<p>6.7A – Generate equivalent numerical expressions using order of operations, including whole number exponents and prime factorization. Readiness Standard</p> <p>6.7D – Generate equivalent expressions using the properties of operations: inverse, identity, commutative, associative, and distributive properties. Readiness Standard</p> <p>6.10A – Model and solve one-variable, one-step equations and inequalities that represent problems, including geometric concepts. Readiness Standard</p>	Unit 12 - Essential Understanding of Proportionality	<p>6.5B – Solve real-world problems to find the whole given a part and the percent, to find the part given the whole and the percent, and to find the percent given the part and the whole, including the use of concrete and pictorial models. Readiness Standard</p>