

7th Grade Math Curriculum Map

<u>Month</u>	<u>Skill</u>	<u>State Descriptor</u>			
September					
	<u>Graphing</u>				
	Bar graphs	10.7.01	10.7.03	10.7.02	
	Scatterplot	10.7.04			
	Predictions, misleading statistics	10.7.02			
	Line graph- Mean, median, mode, range	10.7.01	10.7.02	10.7.03	10.7.05
	venn diagram- 2 circles only	10.7.01			
	circle graph- read, interpret and create	10.7.01	10.7.03		
	<u>Fractions</u>				
	Order of operations	6.7.08	6.7.09		
	Order and compare	6.7.05	6.7.06		
	Convert to decimal and percent	6.7.03			
	<u>Decimals</u>				
	Define as terminating and repeating	6.7.05			
	Compare and order	6.7.05	6.7.06		
	Problem solving with fractions and decimals	6.7.08			
October					
	<u>Order of Operations</u>				
	Evaluate algebraic expressions	6.7.02	6.7.08	6.7.09	8.7.05
	Powers and exponents	6.7.01	6.7.04		
	squares and square roots, estimate	6.7.06	6.7.13		
	<u>Prime Factorization</u>				
	GCF-LCM	6.7.04	6.7.07		
	<u>Patterns</u>	8.7.01			

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November					
	<u>Proportions</u>				
	Ratios	6.7.14			
	Proportions	6.7.15			
	Similar polygons	6.7.15	9.7.12	9.7.13	9.7.14
	<u>Percents</u>				
	Read, write, recognize, interpret 0-100%	6.7.16			
	percent proportions	6.7.15			
	percent of a number- tax, tip, discount	6.7.12	6.7.17		
December					
	<u>Scale Drawings</u>	7.7.06			
	<u>Integers</u>				
	Compare and order	6.7.05	6.7.06		
	Absolute value	6.7.02			
	Add, sub, multi, divide	6.7.08			
	Distance on number line	9.7.15			
	Coordinate plane	9.7.05			
January					
	<u>Solving Equations</u>				
	Mentally	6.7.11			
	One-step	6.7.11	8.7.11		
	Two-step	8.7.11	6.7.11		
	Combine like terms	8.7.04			
	writing and simplifying expressions	8.7.02	8.7.03		

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February					
	<u>Equations</u>				
	Writing equations from story problems	8.7.10	8.7.12		
	Function Table	8.7.06			
	Graph Linear Equations	8.7.06	8.7.07	8.7.08	
	<u>Inequalities</u>				
	solving	8.7.11			
	graphing	8.7.09			
	writing	8.7.10			
	<u>Properties</u>				
	Associative	6.7.10			
	Commutative	6.7.10			
	Distributive	6.7.10			
	Identity	6.7.10			
	Multiplication property of 0	6.7.10			
	Add/multiplication- inverse	6.7.10			
March					
	<u>Measurement</u>				
	Perimeter/Circumference using coordinate plane	7.7.02	9.7.02		
	Find radius/diameter given circumference	9.7.04			
	<u>Geometry</u>				
	Area (circles)	9.7.02			
	Area (polygons)	7.7.02	9.7.02		
	Polygons- classify and identify	9.7.01	9.7.03	9.7.06	
	Volume of rect. Prism	7.7.04	9.7.02		
	Surface area of rect. Prism	7.7.04	9.7.02		

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April					
	<u>Measurement</u>				
	Select appropriate units	7.7.01	7.7.03		
	Convert customary units	7.7.05			
	<u>Geometry</u>				
	Identify 3-dimensional figures by nets	9.7.11			
	Angles formed from lines	9.7.08			
	Identify Acute, obtuse and right angles	9.7.09			
	Complementary and supplementary angles	9.7.10			
	Transformations	9.7.07			
May					
	<u>Probability</u>				
	simple/compound events	10.7.06	10.7.07		
	Represent all outcomes	10.7.07			
	Independent and dependent events	10.7.06	10.7.07		
	Permutations	10.7.08			
	<u>Equations</u>				
	2 step	6.7.11	8.7.11		
	Variable on both sides	8.7.04			
	Writing equations from a problem	8.7.10	8.7.12		