

Grade: 6th Grade Content Area Mathematics

Timeline	Big Idea	Next Generation CSO	Student I Can Statement(s) / Learning Target(s)	Academic Vocabulary	Strategies/ Activities/ Resources	Assessments	Notes / Self - Reflection
System	M.6.EE.1,3,6,	multiply & divide whole	Numbers	or STAR Math	Glencoe Math		
Weeks 1,2,3		7	numbers.			Connects	
				Composite	Odyssey Lessons		
			The student can	numbers		Carnegie	
			identify primes &		MathFrog Lessons		
			composite numbers.	Factor		STAR Math	
					Glencoe Math		
			The student can find	Factor Tree	Connects Text	Odyssey	
			factors & multiples of				
			numbers.	Multiples	Carnegie Math	Teacher generated	
						quizzes	
			The student can	Common	Teach 21 Lessons		
			communicate	Factor		Graphic Organizers	
			understanding of the		MathScape—		
			connection between	GCF	Language of		
			the greatest common		Numbers		
			factor and the	LCM			
			distributive property.		Sheppardsoftware.		
					com or other		
					internet math sites		
					Math Interactive		
					Journals		

First 9 Weeks	The Number	M.6.NS.1-8	The student can	Rates	Odyssey Lessons	Chapter Tests from
THISC S WEEKS	System &	M.RP.1-8	identify exponents and	nates	Odyssey Lessons	Glencoe Math
Weeks 4,5,6	Rates and	141111111111111111111111111111111111111	understand how to use	Unit Rates	MathFrog.ca	Connects
weeks 4,3,0	Proportional		and solve them.		Lessons	
	Relationships			Ratios		Carnegie
	·		The student can solve		Glencoe Math	
			problems using the	Proportions	Connects Text	STAR Math
			Order of Operations.			
				Order of	Carnegie Math	Odyssey
			The student can	Operations		
			identify ratios &		Teach 21 Lessons	Teacher generated
			proportions.	Exponents		quizzes
					MathScape—	
			The student can analyze		Language of	Graphic Organizers
			ratios and the		Numbers & From	Communication with
			relationship to fractions and communicate		Wholes to Parts	Communication with
			similarities and		Sheppardsoftware.	students through Interactive Journals
					com or other math	interactive Journals
			differences.		websites	
					Websites	
					Math Interactive	
					Journals	
First 9 Weeks	Ratios &	M.6.NS.1-8	The student can	Decimal	Odyssey Lessons	Chapter Tests from
	Proportions	M.RP.1-8	understand the		, ,	Glencoe Math
Weeks 7,8,9			relationship of	Fraction	MathFrog Lessons	Connects
			fractions, decimals, and			
			percents.	Equivalent	Glencoe Math	Carnegie
				fractions	Connects Text	
			The student can use			STAR Math
			ratio and rate reasoning	Percents	Carnegie Math	
			to solve real-world			Odyssey
			mathematical problems	Ratios	Teach 21 Lessons	
			The student see	Data	NA-th C	Teacher generated
			The student can manipulate and	Rate	MathScape— Language of	quizzes
			transform units from		Numbers	Graphic Organizers
			one form to another		From Wholes to	Graphic Organizers
			one form to another		Parts	Communication with
					Beside the Point	students through
						Interactive Journals
					Sheppardsoftware.	
					com	9-Weeks Test
					Math Interactive	