6th Grade Curriculum Map

Time	Unit Title	Objectives	CCSS Objective	Literacy Activities	Skills/Mathematical Practices
9 weeks	Geometry	-Calculate area and perimeter of basic two dimensional shapes -Calculate area and perimeter of complex two dimensional shapes -Calculate surface area and volume of three dimensional shapes -Draw polygons on a coordinate plane	6.GA.1 6.GA.2 6.GA.3 6.GA.4	-Close reading -Teacher/Student Think Aloud -Contextual Problem Solving -Turn and Talk	-Make sense of problems and persevere in solving them -Reason abstractly and quantitatively -Construct viable arguments and critique the reasoning of others
9 weeks	Expressions and Equations	-Write, evaluate, and simplify algebraic expressions -Solve algebraic equations -Identify independent and dependent variables	6.EE.A.1 6.EE.A.2 6.EE.A.3 6.EE.A.4 6.EE.B.5 6.EE.B.6 6.EE.B.7 6.EE.B.8 6.EE.C.9	-Close reading -Teacher/Student Think Aloud -Contextual Problem Solving -Turn and Talk	-Model with mathematics -Use appropriate tools strategically -Attend to precision -Look for and make use of structure
9 weeks	Ratios and Proportional	-Use ratios to compare quantities	6.RP.A.1 6.RP.A.2	-Close reading	-Look for and express regularity in

	Relationships	-Convert between rates and unit rates -Use ratios and rates to solve real world problems (including percent problems)	6.RP.A.3	-Teacher/Student Think Aloud -Contextual Problem Solving -Turn and Talk	repeated reasoning
9 weeks	Statistics and Probability	-Create multiple displays for data sets -Describe shape, center, and spread for data sets	6.SP.A.1 6.SP.A.2 6.SP.A.3 6.SP.B.4 6.SP.B.5	-Close reading -Teacher/Student Think Aloud -Contextual Problem Solving -Turn and Talk	
Year Long	The Number System	-Add, Subt., Mult., Divide rational numbers and integers -Place rational numbers and integers on a number line -Plot points in all four quadrants of coordinate plane.	6.NS.A.1 6.NS.B.2 6.NS.B.3 6.NS.B.4 6.NS.C.5 6.NS.C.6 6.NS.C.7 6.NS.C.8	-Close reading -Teacher/Student Think Aloud -Contextual Problem Solving -Turn and Talk	