West Clermont Local Schools
8th Grade Math (Pre-Algebra)
Yearly Plan

Unit	Time	Topics	Standards & Indicators	Assessments
UNIT 1 **GIVE ME YOUR DIGITS!**	Quarter 1: August/September (12 days)	Review of Integers Number Systems Order of operations with radicals and negative exponents Perfect squares and estimating non-perfect squares Inverse operations	NS 2, 3, 4, 7 NS 2, 3 (7th) NS 5 (5th)	
UNIT 2 **RATIO, RATES, PROPORTION, & MEASUREMENT**	Quarter 1: September (16 days)	Converting units within the same measurement system Converting, comparing, and ordering units across measurement systems Problem solving using proportions Similar figures Inverse operations Solving and writing simple equations	NS 4, 5, 6 M 1, 2, 6, 7 G 3 A 7, 9 M 5 (5th)	
UNIT 3 **PROBABILITY**	Quarter 1: October (14 days)	Counting techniques Experimental and theoretical probability Calculating probability	D 10, 11 D 8 (7th) D 7 (6th)	Cumulative Quarter Exam
UNIT 4 **EXPRESS YOURSELF!**	Quarter 2: October/November (22 days)	Algebraic properties Differences between equations, inequalities, and expression Simplifying algebraic expressions Equations and inequalities with physical models, symbols, and verbal forms Algebraic patterns Inverse operations	NS 4 A 1, 2, 5, 7, 8	