

WV CSO Curriculum Planning Tool

Seventh Grade Math

Standard	Objective	Projected Date	Date Taught	Date Assessed	Date Re-Taught	Date Re-Assessed
Standard 1: Number & Operations (MA.S.1)	MA.7.1.1 order integers, decimals, & fractions					
	MA.7.1.2 powers, squares, & square roots					
	MA.7.1.3 absolute value					
	MA.7.1.4 recognize and write rational numbers in form a/b .					
	MA.7.1.5 addition, subtraction, multiplication, division					
	MA.7.1.6 commutative, associative, distributive, identity & inverse properties.					
	MA.7.1.7 whole numbers, decimals, fractions & percents					
	MA.7.1.8 estimation strategies					
	Standard 2: Algebra (MA.S.2)	MA.7.2.1 find missing elements				
MA.7.2.2 simplify numerical & algebraic expressions						
MA.7.2.3 add, subtract, multiply & divide monomials						
MA.7.2.4 GCF & LCM						
MA.7.2.5 input data into a spreadsheet						
MA.7.2.6 ratios and proportions to solve applications						
MA.7.2.7 evaluate algebraic expressions for word phrases.						
MA.7.2.8 scientific notation containing + & - exponents						
MA.7.2.9 one-step linear equations						
MA.7.2.10 inverse operations & graph solutions.						
MA.7.2.11 plot lines within the Cartesian coordinate plane						
MA.7.2.12 determine slope from graphical representation.						
MA.7.2.13 real world problems						
Standard 3: Geometry (MA.S.3)	MA.7.3.1 adjacent, complementary, supplementary, vertical					
	MA.7.3.2 formula to find sum of interior angles of polygon					
	MA.7.3.3 2-dimensional representations of 3-d objects					
	MA.7.3.4 congruent segments & angles, perpendicular bisectors & angle-bisectors					
	MA.7.3.5 apply and demonstrate line symmetry.					
	MA.7.3.6 rotations, reflections, translations					
	MA.7.3.7 ratio & proportion problems					
Standard 4: Measurement (MA.S.4)	MA.7.4.1 perimeter, circumference, area, surface area, distance & temperature					
	MA.7.4.2 volume for prisms, pyramids, & cylinders					
	MA.7.4.3 Pythagorean Theorem					
	MA.7.4.4 convert units of measurement					
Standard 5: Analysis & Probability	MA.7.5.1 probability using appropriate technology					
	MA.7.5.2 tree diagrams & frequency distribution tables					
	MA.7.5.3 frequency distributions, scatter plots, box & whiskers, & line graphs					
	MA.7.5.4 mean, median, mode, & range					

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