Grade	K	1	2	3	4	5	6	Grade	7	8					
	Mastered in K	**Mastered in 1**	**Mastered in 2**	**Mastered in 3**	**Mastered in 4**	**Mastered in 5**	**Valued Skills 6th grade**		**Valued Skills 7th grade**	**Valued Skills 8th grade**	**Valued Skills Algebra**	**Valued Skills Geometry**	**Valued Skills Statistics**	**Valued Skills Algrebra II**	**Must have prior to 12 grade College Algebra / PreCalc**
	1 to 1 correspondance	Money - identify, know value add to $1.00	Basic facts fluently to 20 add & subtract	Add & subtract 2,3 and more digit numbers	Multiply (single and multi-digit numbers	Multiplication / Division of decimals	Order of operations		Solving equations	Combine like terms	Solve multi-step equations	perimeter - area - volume	Population vs sample	Relations & functions	Domain / Range
	read & write numbers to 100	time - nearest hour & 1/2 hour, am &pm	Telling time to nearest 5 minutes	Mulitplication / division facts	understand when to apply multiplication in real-life situations	Fractions - add/sub/mult/div	Integers/Operation		Variable & Linear	Solving & graphing linear equations	3 methods solve system	~ vs ~=	escriptive vs inferential statistics	linear quadratic - vertex vs standard form & quadratic form	Quadratics (& Formula)
	identify patterns	place value to 100s	Place Value to nearest 1,000 - 1 more & less	telling time to nearest minute and elapsed time	Place Value - number sense, what it represents, estimation	Area/Volume of 2/3 D shapes	Substitutions		know # sets	Associative - distributive & commutative properties	graph linear equations	Right Triangle	graphs - scatterplots, box & whiskers, histograms	cubic exponential curve/decay	Properties of Exponents
	1 more & 1 less	simple 2 digit adding and subtracting	Money - countings to $1.00 and find coin combinations	place value to nearest 100,000 - use it to solve problems	Fraction - equivalents, understand relationship between decimals and fractions, +/-	Negative numbers - ordering / add/subtract	Rounding		Coordinate Graphing	fraction operations	FOIL - method first, outer, inner, last	30-60-90 45-45-90 / Triangle	correlations vs causation	systems 2/3 equations	Factoring
	Skip counting by 10s work on 5s & 2s	basic facts to 12 (add & subtract)	Fractions - basic concepts and vocab	Money counting bills and coins and making change	Geometry - basic properties of shapes, classification, area, perimeter, angles	Algebra - basic concepts - variables equalities	Ratios & Proportions		Intro to slope	Simplify vs solve	solving quadratics	proportions	mean-median-mode	Domain & Range	Sequence and Series
	count backwards from 20	counting forward and backward past 100	Add and subtract 2 digit numbers	Perimeter, Area, Measurement, Geometry	comparing data		Palce Value		Ratios & proportions	Pythagorean Theorem	factoring	parallel lines / relationships	Independent & dependent probability	Zeros & Roots	
	identify / name 6 different 2-D shapes	skip counting by 10s, 5s, 2s, to 120	complete word problems using all skills listed above	Fractions - compare, order, understand and solve problems	(+/-) multi-digit numbers		4-5 Digit Multiplication		Solving substitutions	add,sub,mult, div, fractions		perpendicular facts	theoretical vs experimental problems	maxima/minima/inflections	
	identify / name 4 different 3-d shapes	Beginning measurement		complete word problems using all skills listed above			Perimeter & Area			Real number properties		polygons & transformations		Operations w/ complex numbers	
	Add to 10 w/manipulatives	Read & write numbers to 120					Converting facts ie. 12" =1' so 46" =?			slopes-parallel & perpendicular				parent curves	
	Subtract from 10 w/manipulatives	3D shapes								linear functions					
	Money (identify penny nickel dime)	Answer simple questions on bar graphs, tally, charts, etc.													