


8th Grade Math

	Pass	Content	# of days	Assessment	
1st nine weeks		6 th (2.2d) 8 th (2.2c)	Order of operations; Basic operations on Integers	4	C.3 Sec. 1.1, 1.3-1.5
		8 th (2.2c)	basic operations on rational numbers	10	C.3 Sec. 4.4-4.6
		8 th (1.1a,b)	Model, write and solve multi-step equations (1 & 2 step)	10	C.3 Sec. 1.2, 2.1-2.3, 2.5
		8 th (1.1d)	Formulas (e.g. $d=rt$, $I=prt$)	5	C.3 Sec. 4.6, 6.8 (throughout book)
2nd nine weeks		8th(1.2)	Model, write, solve and graph inequalities.	7	C.3 Sec. 2.6-2.8
		8 th (1.1b)	Graph linear equations	5	C.3 Sec. 3.1-3.6, 12.2-12.5, 12.7
		8 th (1.1c)	Calculate slope	5	C.3 Sec. 3.1-3.6, 12.2-12.5, 12.7
		8 th (1.1c)	Slope-intercept form; Predict effect on the graph with slope and y-intercept changing	7	C.3 Sec. 3.1-3.6, 12.2-12.5, 12.7
		8 th (2.2a)	Using the rules of exponents	5	C.3 Sec. 1.7,7.2-7.5
		8 th (2.1, 2.2b)	Representing numbers with scientific notation; solve problems using scientific notation	5	C.3 Sec. 7.1-7.5
3rd nine weeks		7 th (4.1) 8 th (4.3)	Classify and find area and perimeter/circumference for composite figures	10	C.3 Sec. 8.5-8.8
		8 th (3.1, 4.3)	Classify solid figures; find area of cross-sections of solids	5	C.3 Sec. 9.1-9.3
		8 th (4.1)	Apply formulas for surface area and volume of solid figures.	10	C.3 9.4-9.7
		8 th (4.2)	Apply ratio and proportion to similar figures	5	C.3 5.7-5.8
		8 th (3.2)	Use and apply Pythagorean Theorem to find missing sides of right triangles	5	C.3 4.8-4.9
4th nine weeks		8 th (5.1)	Select appropriate formats to display data	7	C.3 Sec. 10.1-10.7
		8 th (5.3)	Find the measures of central tendency (mean, median, mode and range); select the most useful information in a given context.	7	C.3 Sec. 1.6
		CRT Review and Testing		TBD	
		*8 th (5.2)	Determine how samples are chosen		C.3 Sec. 11.7
		Alg I (2.2)	Writing equation of lines (standard form)		Alg Sec 5.4, 6.1-6.4
		Alg I (2.2)	Review graphing linear equations		Alg Sec 5.4, 6.1-6.4