


# Algebra I

	Pass	Content	# of days	ACT	Assessment
<b>1<sup>st</sup> nine weeks</b>	6 <sup>th</sup> (2.5)	Order of operations (Reviewed throughout)	1	16-19	
	1.2a	Substitution(Include Order of Ops problems with substitution)	2	20-23	
	Alg (1.1a)	Expressions	2	20-23	
	Alg (1.2)	Review Real Numbers, absolute value, inequality signs and graphs	3	20-23	
	Alg(2.2a, e, 2.3a, b)	Equations & Inequalities (Reviewed throughout)	15-20	20-23	
	Alg (1.1b)	Literal Equations	2	28-32	
	8 <sup>th</sup> (5.2) Alg (3.1c)	Measures or Central Tendency	3	16-19	
	Alg (1.1d)	Review Rates, ratios, proportions, and similar figures	4	24-27	
		Review for 9 weeks test	4		
<b>2<sup>nd</sup> nine weeks</b>	Alg (3.1b)	Cartesian Plane & Plotting Points	1	20-23	
	Alg(2.1a-d)	Relations & Functions, linear & nonlinear, dependent & independent, domain & range, evaluate functions (tables, equations or graphs)	3	20-23	
	Alg (2.2c)	Calculate, use, and interpret slope (graph, equation, 2 points or set of points)	6	20-23	Benchmark #1
	Alg(2.2d)	Draw lines using a point and slope	2	20-23	
	Alg(2.2d)	Develop equation (slope & intercept, slope & 1 pt, 2 pts, x & y int, set of pts. Point-slope/Standard form)	15-20	24-27	
	Alg(2.2cII, 2.2cIII)	Use slope (parallel, perpendicular, hor, vert, in context)	3	28-32	
	Alg(2.2b)	Parameter changes of graphs	2	24-27	
	Alg(2.2b)	Absolute Value and Quadratic graphs	1	28-32	
		Review for 9 weeks test	4		
<b>3<sup>rd</sup> nine weeks</b>	Alg (3.2)	Line of Best Fit	5	24-27	
	Alg(2.4)	Systems of Equations	10	28-32	Benchmark #2
	Alg(2.3)	Linear Inequalities	2	24-27	
	Alg (1.1d)	Exponent Rules	10	28-32	
	Alg (1.2b)	Polynomials (classify, add, subtract)	2	24-27	
	Alg (1.2b)	Polynomials (multiply monomial, binomial, trinomial, special case)	5	20-23	
	Alg (1.2c)	Factoring polynomials (GCF)	2	24-27	
	Alg (1.2c)	Factoring Trinomials with leading coefficient of one	2	24-27	
	Alg (1.2c)	Factoring Trinomials with leading coefficient larger than one	2	24-27	
	Review for 9 week test	3			
<b>4<sup>th</sup> nine weeks</b>	Alg (1.2c)	Factoring Special Case Trinomials	1	24-27	
	Alg (1.2c)	Factor all ways	2	24-27	
	Alg(1.2c, 2.5b)	Solve quadratic by factoring	3	24-27	Mock EOI
	Alg (1.2a)	Radicals (Simplify, Multiply, and Rationalize)	5	24-27	
		Review relations, functions, slope, and equations	5	20-23	
		Review Graphs (Circle, line, and Bar, etc.)	2	24-27	
	Alg(2.5a, b)	Exponential and quadratic graphs	1	28-32	
	Alg(3.1c)	Review Probability	2	28-32	
		Review for ACE test	10		
	Alg(1.2a)	Rational Expressions	5	24-27	
	Review for Final Exam	3			