

Algebra 1-A Pacing Guide 2011-2012

1st Semester

August - December

BEGINNING OF 1st NINE WEEKS

Section	Objective	ALCOS #	AHSGE
1.1	Translate words into expressions		I-1, VII-8
1.2	Order of Operations	1	I-1
1.3-1.4	Commutative, Associative, Distributive Prop.	1, 11	I-1
1.6	Collect and organize data using tables	12, 13	
1.7	Construct and interpret line graphs and Histograms	12, 13	
2.1	Graph integers on a number line and coordinate plane	10	I-1
2.2	Compare and order integers	10	I-1
2.3	Adding Integers	1	I-1
2.1	Subtracting Integers	1	I-1
2.5	Multiplying Integers	1	I-1
2.6	Dividing Integers	1	I-1

ALGEBRA 1-A / END OF 1st NINE WEEKS

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1st Semester

August - December

ALGEBRA 1-A / END OF 2nd NINE WEEKS

Section	Objective	ALCOS #	AHSGE
3.1	Compare and order rational numbers	1	I-1
3.2	Add and subtract rational numbers	1	I-1
3.3	Find mean, mode, median, and range of data	12	VII-5
3.4	Determine whether a given number is a solution of an equation	12, 13	II-1
3.5-3.6	Solve addition or subtract equation	7, 11	II-1
3.7	Solve equations with absolute value	7	II-1
4.1-4.2	Multiplying Rational Numbers / Counting Outcomes	1	I-1
4.3	Dividing Rational Numbers	1	I-1
4.4	Solve equations with multiplication and division	7	II-1
4.5	Solve equations involving more than one operation	7	II-1
4.6	Solve equations with variables on both sides	7	II-1
4.7	Solve equations with grouping symbols	7	II-1

ALGEBRA 1-A / END OF 2nd NINE WEEKS

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2nd Semester

January - May

BEGINNING OF 3rd NINE WEEKS

Section	Objective	ALCOS #	AHSGE
5.1	Solve Proportions		I-1, VII-8
5.2	Solve scale drawings	7	I-1, VII-8
5.3	Solve percent proportions	7	I-1, VII-8
5.4	Solve percent equations	7	I-1, VII-8
5.5	Find percent of increase/decrease	7	I-1, VII-8
5.6	Find probability/odds of simple events	15	VII-6
5.7	Find probability of mutually exclusive events	15	VII-6
6.1	Show relations as a set of ordered pairs, in tables, and as graphs	3	
6.2	Solve linear equations for a given domain and find the range	3	III-2
6.3	Graphing linear equations	2	V-1, V-2, V-4, VI-1
6.4	Determine whether a given relation is a function	2, 3	III-1, III-2, V-1, V-2, V-4
6.5	Solve direct variation problems	4, 7	VII-7
6.6	Solve inverse variation problems	4, 7	

ALGEBRA 1-A / END OF 3rd NINE WEEKS

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2nd Semester

January - May

BEGINNING OF 4th NINE WEEKS

Section	Objective	ALCOS #	AHSGE
7.1	Find the slope of a line given by two points / given a graph	2, 10	IV-2
7.2	Write a linear a linear equation in point-slop form given a point and a slope	2	IV-2
7.3	Write equations of linear equations in slope intercept form and standard form	2	IV-2
7.4	Graph and interpret points on scatter plots	12, 14	VII-8
7.5	Graph lines using slope and y-intercept / graph lines using intercepts	2	V-1, V-2, V-4, VI-1
7.6	Families of Linear Graphs		III-1
7.7	Write equations of linear equations parallel or perpendicular to given lines	2	IV-2

END OF ALGEBRA 1-A
