

Algebra 1
Mrs. Bandy
Eastside - Thursdays 9:00 - 10:30 AM

		Topic:	video minutes	week total:	(practice problems)
21-Aug	week 1	1.1 Variables and Expressions	27		17
	1A	1.2 Order of Operations	11		14
		1.3 Equations	10		7
		1.4 Translating Words into Expressions	6.5		0
		1.5 Translating Words into Equations	10	65	7
28-Aug	week 2	1.6 <i>Recognizing Facts and Drawing Diagrams</i>	12		9
	1B C D	1.7 Solving Problems	15		13
	(1E)	1.8 Positive and Negative Inequalities	14		9
		1.9 Absolute Value	7.5	49	10
4-Sep	week 3	2.1 <i>Assumptions about Real Numbers</i>	18		0
	T1	2.2 The Number Line and Addition	7.5		0
	2A	2.3 Addition of Real Numbers	12		0
		2.4 Subtraction	11		16
		2.5 The Distributive Property	21	52	0
11-Sep	week 4	2.6 <i>Properties of Multiplication</i>	11		0
	2B C	2.7 Consecutive Integers, Even and Odd	13.5		
		2.8 Reciprocals	10		0
		2.9 Division with Real Numbers	25.5	49	0
18-Sep	week 5	<i>Finish up from last week at home!</i>			
	2D E	3.1 Equations with Addition and Subtraction	25		0
	3A B	3.2 Equations with Multiplication and Division	27		0
		3.3 Solving Equations in Multiple Steps	29	81	
25-Sep	week 6	3.4 <i>Translating Word Problems into Equations</i>	18		16
	T2	3.5 Equations with Variables on Both Sides	18		0
	3B C	3.6 Organizing Information with Charts	34		14
		3.7 Techniques for Transforming Equations	29	81	0
2-Oct	week 7	<i>Finish up from last week at home!</i>			
	3D	4.1 Exponential Notation	13		11.5
	(3E)	4.2 Addition and Subtraction of Polynomials	27		9.5
	4A	4.3 Multiplying Polynomials	9		10
		4.4 Raising Monomials to a Power	12	61	8
9-Oct	week 8	4.5 <i>Multiplying Polynomials by Monomials</i>	7		10
	T3	4.6 Multiplying Polynomials	13		15
	4B C	4.7 Formulas	10		15.5
		4.8 Distance, Rate, and Time Problems	19		0
		4.9 Problems Involving Area	27	69	10
16-Oct	off	Fall Break Week - no class. Catch up on missing work!			
23-Oct	week 9	4.10 <i>Problems With No Solution - watch at home</i>	9		5.5
	4D (E)	5.1 Factoring Integers	26		12.5
	T4	5.2 Dividing Monomials	35		0
	5A B	5.3 Dividing a Monomial by a Polynomial	41	102	30

30-Oct	week 10	5.4	Multiplying Binomials	19		9
	5C D	5.5	Difference of Two Squares	16		5
		5.6	Squaring Binomials	15		15
		5.7	Factoring Quadratics	14		0
		5.8	Factoring Polynomials	8.5	73	15
6-Nov	week 11	5.9	<i>Factoring Polynomials</i>	11		14.5
	(5E)	5.10	Factoring by Grouping Terms	20.5		5
		5.11	Combining Factoring Methods	14		7
		5.12	Using Factoring to Solve Equations	11.5	57	13
13-Nov	week 12	Midterm Exam Review Day - Jeopardy!				
	T5	<i>Semester Exam Due after Thanksgiving Break</i>				
20-Nov	week 13	6.1	Simplifying Fractions	35		2
	6A	6.2	Multiplying Fractions	19		0
	6B	6.3	Dividing Fractions	10	64	0
27-Nov	off	Thanksgiving Break				
4-Dec	week 14	6.4	Least Common Denominators	30		34
		6.5	Adding and Subtracting Fractions	25		0
		6.6	Mixed Numbers and Expressions	9	64	12.5
11-Dec	week 15	6.7	Dividing Polynomials	17		0
	6C D (E)	7.1	Ratios	8.5		n/a
	T6 optional	7.2	Proportions	8.5		0
10-Dec	7A	7.3	Equations with Fractional Coefficients	19	53	0
<i>Have a great Christmas Break!!</i>						

N. Bandy

8-Jan	week 16	7.4	Fractional Equations	14		20.5
	7C	7.5	Percents	17		0
	7D	7.6	Percent Problems	20		0
		7.7	Mixture Problems	23	73	9
15-Jan	week 17	7.8	<i>Work Problems</i>	12		n/a
	T7	7.9	Negative Exponents	22.5		0
	8A B	7.10	Scientific Notation	32.5		0
		8.1	Equations with Two Variables	18	73	3.5
22-Jan	week 18	8.2	<i>The Cartesian Coordinate System</i>	13		n/a
	8C D E	8.3	Graphing Equations of Lines	10		0
		8.4	Slope	25		10.5
		8.5	Direct Variation Equations	19	54	10.5
29-Jan	week 19	8.6	Slope-Intercept Form	22		12
	8F	8.7	Parallel and Perpendicular Lines	18		8
		8.8	Point-Slope Form	20	60	10.5
5-Feb	week 20	8.9	Introduction to Functions	45		17
	8G H	8.10	Inverse Variations	18		7.5
	9A				63	

12-Feb	week 21	9.1	<i>Solving Systems by Graphing</i>	17	80	13
	T8	9.2	Solving Systems by Substitution	17		15
	9B C D	9.3	Word Problems with Two Variables	19		9
		9.4	Combining Linear Equations	9		0
	9E (F)	9.5	Multiplying and Combining Equations	11	56	17
19-Feb			Winter Break EAS and MAS			
26-Feb	week 22	9.6	<i>Wind and Water Currents</i>	26		16
	T9	10.1	Inequalities and the Number Line	11		0
	10A B C	10.2	Solving Inequalities	21		0
		10.3	Problem Solving with Inequalities	15	47	15.5
5-Mar	week 23	10.4	Combined Inequalities	9		0
	10D E F	10.5	Absolute Value Inequalities	10		0
	(10G)	10.6	(Deliberately Omitted)			
		10.7	Graphing Linear Inequalities	12.5		0
		10.8	Systems of Linear Inequalities	7	39	0
12-Mar	week 24	11.1	<i>Rational Numbers</i>	17		0
	T10	11.2	Decimal Forms of Rational Numbers	45.5		0
	11A	11.3	Rational Square Roots	22	68	0
19-Mar	week 25	11.4	Irrational Square Roots	17		0
	11B C	11.5	Square Root Expressions and Equations	40	57	0
26-Mar	week 26	11.6	The Pythagorean Theorem	39		0
	11D	11.7	Multiplication and Division with Radicals	35	74	0
2-Apr	week 27	11.8	Adding and Subtracting Radicals	21		24
	11E	11.9	Multiplying Binomials with Radicals	18	39	0
9-Apr	off		Spring Break			
16-Apr	week 28	11.10	Solving Radical Equations	29		17
	11F G (H)	12.1	Quadratics with Perfect Squares	29	58	0
23-Apr	week 29	12.2	Completing the Square	22		0
T11	12A B	12.3	The Quadratic Formula	30	52	0
30-Apr	week 30	12.4	Quadratic Equations, the Discriminant	33		n/a
	12C (D)	12.5	Solving Quadratic Equations	10	43	0
0-Jan	week 31		Exam review week - Jeopardy!			
			<i>Turning in test 12 will drop the lowest test for the semester</i>			
			<i>Semester exam due by 5/13</i>			