

Algebra 2

Eastside Academic Studies - Thurs 1:15-2:45 PM

Mrs. Bandy

2025-2026

vid minutes

Fall Semester

Lessons in italics should be completed at home BEFORE class

21-Aug	week 1	<input type="checkbox"/> <i>Section 1.1: Real Numbers and Number Operations</i>	25
	1A	<input type="checkbox"/> Section 1.2: Algebraic Expression	32
	1B	<input type="checkbox"/> Section 1.3: Linear Equations	29
		<input type="checkbox"/> Section 1.4: Rewriting Equations	31
28-Aug	week 2 (1C)	<input type="checkbox"/> <i>Section 1.5: Modeling Real World Problems</i>	25
		<input type="checkbox"/> Section 1.6: Solving Linear Inequalities	33
		<input type="checkbox"/> Section 1.7: Absolute Value and Inequalities	36
4-Sep	week 3	<input type="checkbox"/> <i>2.1: Functions and Graphs - watch through 2.1 c</i>	24
	T1	<input type="checkbox"/> 2.1: Functions and Graphs - finish together in class	18
	2A	<input type="checkbox"/> 2.2: Slope	44
11-Sep	week 4 2B C D E	<input type="checkbox"/> <i>2.3: Graphing Linear Equations</i>	20
		<input type="checkbox"/> 2.4: Finding Equations of Lines	60
		<input type="checkbox"/> 2.5: Best Fit Lines	42
19-Sep	week 5 2F 2G, (H)	<input type="checkbox"/> <i>2.6: Linear Inequalities</i>	15
		<input type="checkbox"/> 2.7: Piecewise Functions	59
		<input type="checkbox"/> 2.8: Absolute Value Functions	29
25-Sep	week 6 3A B C T2	<input type="checkbox"/> <i>Section 3.1: Graphical Solutions to Linear Systems</i>	26
		<input type="checkbox"/> Section 3.2: Algebraic Solutions to Linear Systems	48
		<input type="checkbox"/> Section 3.3: Graphical Solutions to Inequalities	24
2-Oct	week 7 3D E (F) 4A	<input type="checkbox"/> <i>Section 3.4: Graphing in 3 Dimensions</i>	37
		<input type="checkbox"/> Section 3.5: Solving Systems in 3 Dimensions	22
		<input type="checkbox"/> Section 4.1: Graphing Quadratic Equations	51
9-Oct	week 8 T3 4B C D	<input type="checkbox"/> <i>Section 4.2: Factoring Quadratic Equations - watch 4.2a - d</i>	23
		<input type="checkbox"/> Section 4.2: Factoring Quadratic Equations - finish in class	29
		<input type="checkbox"/> Section 4.3: Solving Equations with Square Roots	31
		<input type="checkbox"/> Section 4.4: Complex Numbers - begin in class - to 4.4c?	35
15-Oct	off	Fall Break - no class - catch up!!	
22-Oct	week 9 4E F (G)	<input type="checkbox"/> <i>Section 4.4: Complex Numbers - finish at home 4.4d</i>	60
		<input type="checkbox"/> Section 4.5: Completing the Square	61
		<input type="checkbox"/> Section 4.6: The Quadratic Formula	22
29-Oct	week 10 T4 5A B C	<input type="checkbox"/> <i>Section 5.1: Properties of Exponents</i>	14
		<input type="checkbox"/> Section 5.2: Polynomial Functions	43
		<input type="checkbox"/> Section 5.3: Operations on Polynomials	13
		<input type="checkbox"/> Section 5.4: Factoring Polynomials and Solving Equations	27

5-Nov	week 11	<input type="checkbox"/> Section 5.7: The Fundamental Theorem of Algebra - to 5.7n	28
	5 D E	<input type="checkbox"/> Section 5.5: Dividing Polynomials	39
	(5F G)	<input type="checkbox"/> Section 5.6: Finding Rational Roots	48
		<input type="checkbox"/> Section 5.7: The Fundamental Theorem of Algebra	19
12-Nov	week 12	<input type="checkbox"/> Section 6.1: Roots and Exponents	34
	T5	<input type="checkbox"/> Section 6.2: Rational Exponents	47
	6A	<input type="checkbox"/> Section 6.3: Power Functions, Operations on Functions	52
19-Nov	week 13	<input type="checkbox"/> Section 6.4: Inverse Functions	37
	6B C	<input type="checkbox"/> Section 6.5: Square Root and Cube Root Functions	30
	(6D)	<input type="checkbox"/> Section 6.6: Solving Radical Equations	23
26-Nov		Thanksgiving Break - OFF	
3-Dec	week 14	Review for Exam - Jeopardy!	
	exam review	Test 6 optional - recommended for review	
10-Dec	week 15	Exam in class or quietly ask any questions, work on review packet	
		Semester exam due by 12/17/2025 (12/18 for EAS)	

Spring Semester A2

7-Jan	week 16	<input type="checkbox"/> 7.1: Exponential Growth	54
	7A B	<input type="checkbox"/> 7.2: Exponential Decay	31
14-Jan	week 17	<input type="checkbox"/> 7.3: The Number e	39
	7C D	<input type="checkbox"/> 7.4: Logarithmic Functions	69
21-Jan	week 18	<input type="checkbox"/> 7.5: Properties of Logarithms - begin at home through 7.5d	24
	7E F G	<input type="checkbox"/> 7.5: Properties of Logarithms- finish together change of base	24
	(7H)	<input type="checkbox"/> 7.6: Solving Logarithmic Equations	22
28-Jan	week 19	<input type="checkbox"/> 8.1: Inverse Var, Joint Var, Combined Var. VID 8.1a-g at home	20
	T7	<input type="checkbox"/> 8.1: Inverse Variation, Joint Variation, Combined Variation	24
	8A B C	<input type="checkbox"/> 8.2: Simple Rational Functions	39
		<input type="checkbox"/> 8.3: Graphing Rational Functions	22
4-Feb	week 20	<input type="checkbox"/> 8.4: Mult and Div with Rational Expressions vid a - c at home	6
	8D E F G	<input type="checkbox"/> 8.4: Multiplication and Division with Rational Expr. Finish	8
	(8H I)	<input type="checkbox"/> 8.5: Addition and Subtraction with Rational Expressions	12
		<input type="checkbox"/> 8.6: Solving Rational Equations	31
11-Feb	week 21	<input type="checkbox"/> 9.1: The Distance and Midpoint Formulas	9
	T8	<input type="checkbox"/> 9.2: Parabolas	17
	9A B C	<input type="checkbox"/> 9.3: Circles	33
18-Feb	off	Winter Break for EAS and MAS	

25-Feb	week 22 9D E (F)	<input type="checkbox"/> 9.4: Ellipses	13
		<input type="checkbox"/> 9.5: Hyperbolas	23
		<input type="checkbox"/> 9.6: Conic Sections	17
4-Mar	week 23 T9 10 A B C (D)	<input type="checkbox"/> 10.1: Sequences and Series	21
		<input type="checkbox"/> 10.2: Arithmetic Sequences, Arithmetic Series	16
		<input type="checkbox"/> 10.3: Geometric Sequences, Geometric Series	16
11-Mar	week 24	Playing with Sequences and Series - Fibonacci	
18-Mar	week 25 no T10 11A	<input type="checkbox"/> 11.1: Introduction to Trigonometry	17
		<input type="checkbox"/> 11.2: The Tangent Ratio	18
		<input type="checkbox"/> 11.3: Tangent Ratios for Particular Angles	11
		<input type="checkbox"/> 11.4 The Unit Circle and the Tangent Function	37
		<input type="checkbox"/> 11.5 Solving Problems with the Tangent Ratio	32
25-Mar	week 26 11B	<input type="checkbox"/> 11.6: Sine and Cosine	33
		<input type="checkbox"/> 11.7 Sine and Cosine for Particular Angles	10
		<input type="checkbox"/> 11.8: Sine and Cosine on the Unit Circle	53
		<input type="checkbox"/> 11.9 Solving Problems using Sine and Cosine	27
1-Apr	week 27 11C D E	<input type="checkbox"/> 11.10 Non-trivial Trigonometry Problems	77
		<input type="checkbox"/> 12.1: Graphing the Sine and Cosine functions - <i>finish at home</i>	43
8-Apr	off	Spring Break for EAS and MAS	
15-Apr	week 28 T11 12A B	<input type="checkbox"/> 12.2: Sinusoidal Motion and Circular Motion - <i>via a & b @ home</i>	22
		<input type="checkbox"/> 12.2: Sinusoidal Motion and Circular Motion - finish in class	11
		<input type="checkbox"/> 12.3: Graphing the Tangent Function - begin 12.4!	37
22-Apr	week 29 12C D	<input type="checkbox"/> 12.4 Solving Trig Equations	116
29-Apr	week 30 12E F G	<input type="checkbox"/> 12.5: The Law of Sines and Law of Cosines	57
		Turning in test 12 will drop the lowest test for spring semester	
6-May	week 31 T12	Exam Review week	
		Final exam and all remaining work due by 5/14	
		* Work submitted by 5/12 will be eligible for corrections	