

Algebra 2
Metro & Eastside

(dates below
are Weds.)

Mrs. Bandy
2026-2027
vid minutes

Lessons in italics should be completed at home BEFORE class

8/19/2026	week 1	☐ <i>Section 1.1: Real Numbers and Number Operations</i>	25
	1A	☐ Section 1.2: Algebraic Expression	32
	1B	☐ Section 1.3: Linear Equations	29
		☐ Section 1.4: Rewriting Equations	31
8/26/2026	week 2	☐ <i>Section 1.5: Modeling Real World Problems</i>	25
	(1C)	☐ Section 1.6: Solving Linear Inequalities	33
		☐ Section 1.7: Absolute Value and Inequalities	36
9/2/2026	week 3	☐ <i>2.1: Functions and Graphs - watch through 2.1 c</i>	24
	T1	☐ 2.1: Functions and Graphs - finish together in class	18
	2A	☐ 2.2: Slope	44
9/9/2026	week 4	☐ <i>2.3: Graphing Linear Equations</i>	20
	2B C D E	☐ 2.4: Finding Equations of Lines	60
		☐ 2.5: Best Fit Lines	42
9/16/2026	week 5	☐ <i>2.6: Linear Inequalities</i>	15
	2F	☐ 2.7: Piecewise Functions	59
	2G, (H)	☐ 2.8: Absolute Value Functions	29
9/23/2026	week 6	☐ <i>Section 3.1: Graphical Solutions to Linear Systems</i>	26
	3A B C	☐ Section 3.2: Algebraic Solutions to Linear Systems	48
	T2	☐ Section 3.3: Graphical Solutions to Inequalities	24
9/30/2026	week 7	☐ <i>Section 3.4: Graphing in 3 Dimensions</i>	37
	3D E (F)	☐ Section 3.5: Solving Systems in 3 Dimensions	22
	4A	☐ Section 4.1: Graphing Quadratic Equations	51
10/7/2026	week 8	☐ <i>Section 4.2: Factoring Quadratic Equations - watch 4.2a - d</i>	23
	T3	☐ Section 4.2: Factoring Quadratic Equations - finish in class	29
	4B C D	☐ Section 4.3: Solving Equations with Square Roots	31
		☐ Section 4.4: Complex Numbers - begin in class - to 4.4c?	35
10/14/2026	off	Fall Break - no class - catch up!!	
10/21/2026	week 9	☐ <i>Section 4.4: Complex Numbers - finish at home 4.4d</i>	60
	4E F (G)	☐ Section 4.5: Completing the Square	61
		☐ Section 4.6: The Quadratic Formula	22
10/28/2026	week 10	☐ <i>Section 5.1: Properties of Exponents</i>	14
	T4	☐ Section 5.2: Polynomial Functions	43
	5A B C	☐ Section 5.3: Operations on Polynomials	13
		☐ Section 5.4: Factoring Polynomials and Solving Equations	27

11/4/2026	week 11	☐ Section 5.7: The Fundamental Theorem of Algebra - to 5.7n	28
	5 D E	☐ Section 5.5: Dividing Polynomials	39
	(5F G)	☐ Section 5.6: Finding Rational Roots	48
		☐ Section 5.7: The Fundamental Theorem of Algebra	19
11/11/2026	week 12	☐ Section 6.1: Roots and Exponents	34
	T5	☐ Section 6.2: Rational Exponents	47
	6A	☐ Section 6.3: Power Functions, Operations on Functions	52
11/18/2026	week 13	☐ Section 6.4: Inverse Functions	37
	6B C	☐ Section 6.5: Square Root and Cube Root Functions	30
	(6D)	☐ Section 6.6: Solving Radical Equations	23
11/25/2026	Thanksgiving Break - OFF		
12/2/2026	week 14	Review for Exam - Jeopardy!	
	exam review	Test 6 optional - recommended for review	
12/9/2026	week 15	Exam in class or quietly ask any questions, work on review packet	
		Semester exam due by 12/18	

1/6/2027	Week 16	☐ 7.1: Exponential Growth	54
	7A B	☐ 7.2: Exponential Decay	31
01/13/27	Week 17	☐ 7.3: The Number e	39
	7C D	☐ 7.4: Logarithmic Functions	69
1/20/2027	Week 18	☐ 7.5: Properties of Logarithms - begin at home through 7.5d	24
	7E F G	☐ 7.5: Properties of Logarithms- finish together change of base	24
	(7H)	☐ 7.6: Solving Logarithmic Equations	22
1/27/2027	Week 19	☐ 8.1: Inverse Var, Joint Var, Combined Var. VID 8.1a-g at home	20
	T7	☐ 8.1: Inverse Variation, Joint Variation, Combined Variation	24
	8A B C	☐ 8.2: Simple Rational Functions	39
		☐ 8.3: Graphing Rational Functions	22
2/3/2027	Week 20	☐ 8.4: Mult and Div with Rational Expressions vid a - c at home	6
	8D E F G	☐ 8.4: Multiplication and Division with Rational Expr. Finish	8
	(8H I)	☐ 8.5: Addition and Subtraction with Rational Expressions	12
		☐ 8.6: Solving Rational Equations	31
2/10/2027	Week 21	☐ 9.1: The Distance and Midpoint Formulas	9
	T8	☐ 9.2: Parabolas	17
	9A B C	☐ 9.3: Circles	33
2/17/2027	off	Winter Break for EAS and MAS	

2/24/2027	Week 22	☐ 9.4: Ellipses	13
	9D E (F)	☐ 9.5: Hyperbolas	23
		☐ 9.6: Conic Sections	17
3/3/2027	Week 23	☐ 10.1: Sequences and Series	21
	T9	☐ 10.2: Arithmetic Sequences, Arithmetic Series	16
	10 A B C (D)	☐ 10.3: Geometric Sequences, Geometric Series	16
3/10/2027	Week 24	Playing with Sequences and Series - Fibonacci	
		☐ 11.1: Introduction to Trigonometry	17
3/17/2027	Week 25	☐ 11.2: The Tangent Ratio	18
	no T10	☐ 11.3: Tangent Ratios for Particular Angles	11
	11A	☐ 11.4 The Unit Circle and the Tangent Function	37
		☐ 11.5 Solving Problems with the Tangent Ratio	32
3/24/2027	Week 26	☒ 11.6: Sine and Cosine	33
	11B	☐ 11.7 Sine and Cosine for Particular Angles	10
		☐ 11.8: Sine and Cosine on the Unit Circle	53
		☐ 11.9 Solving Problems using Sine and Cosine	27
3/31/2027	Week 27	☐ 11.10 Non-trivial Trigonometry Problems	77
	11C D E	☐ 12.1: Graphing the Sine and Cosine functions - <i>finish at home</i>	43
04/07/27	off	Spring Break for EAS and MAS	
4/14/2027	Week 28	☒ 12.2: Sinusoidal Motion and Circular Motion - <i>vids a & b @home</i>	22
	T11	☐ 12.2: Sinusoidal Motion and Circular Motion - finish in class	11
	12A B	☐ 12.3: Graphing the Tangent Function - begin 12.4!	37
4/21/2027	Week 29	☐ 12.4 Solving Trig Equations	116
	12C D		
4/28/2027	Week 30	☐ 12.5: The Law of Sines and Law of Cosines	57
	12E F G	Turning in test 12 will drop the lowest test for spring semester	
5/5/2027	Week 31	Exam Review week - Jeopardy	
	T12	Final exam and all remaining work due by 5/14	