2024-2025

video minutes

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	Lessons in italics should be completed at home BEFORE class	
14-Aug week 1	artriangle Section 1.1: Real Numbers and Number Operations	25
1A	☐ Section 1.2: Algebraic Expression	32
1B	☐ Section 1.3: Linear Equations	29
	☐ Section 1.4: Rewriting Equations	31
21-Aug week 2	\square Section 1.5: Modeling Real World Problems	25
(1C)	☐ Section 1.6: Solving Linear Inequalities	33
	☐ Section 1.7: Absolute Value and Inequalities	36
28-Aug week 3	\square 2.1: Functions and Graphs - watch through 2.1 c	24
T1	2.1: Functions and Graphs - finish together in class	18
2A	□ 2.2: Slope	44
4-Sep week 4	\square 2.3: Graphing Linear Equations	20
2B C D E	☐ 2.4: Finding Equations of Lines	60
	☐ 2.5: Best Fit Lines	42
11-Sep week 5	\square 2.6: Linear Inequalities	15
2F	☐ 2.7: Piecewise Functions	59
2G, (H)	☐ 2.8: Absolute Value Functions	29
18-Sep week 6	☐ Section 3.1: Graphical Solutions to Linear Systems	26
3A	☐ Section 3.2: Algebraic Solutions to Linear Systems	48
T2	☐ Section 3.3: Graphical Solutions to Inequalities	24
25-Sep week 7	\square Section 3.4: Graphing in 3 Dimensions	37
3B	☐ Section 3.5: Solving Systems in 3 Dimensions	22
4A	☐ Section 4.1: Graphing Quadratic Equations	51
2-Oct week 8	\square Section 4.2: Factoring Quadratic Equations - watch 4.2a - d	23
Т3	☐ 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
9-Oct week 9	\square Section 4.4: Complex Numbers - finish at home 4.4d	60
4E F (G)	☐ Section 4.5: Completing the Square	61
	☐ Section 4.6: The Quadratic Formula	22
16-Oct off	Fall Break - no class - catch up!!	
23-Oct week 10	☐ Section 5.1: Properties of Exponents	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
30-Oct week 11	\square 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
6-Nov 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

13-Nov	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
20-Nov	week 14	Finish up, work on exam review packet	
	exam review	Test 6 optional - recommended for review	
27-Nov	•	Thanksgiving Break - OFF	
4-Dec	week 15	Review for Exam - Jeopardy!	
		Semester exam due by 12/16/2023	
11-Dec	week 16	Exam in class? Or work on whatever you have missing.	
		Spring Semester A2	
0.1-	1 47	Mrs. Bandy's class will not meet this week. Enjoy the full 12 days c Mr	
8-Jan	week 17	7.1: Exponential Growth	54
1E lan	7A B week 18	☐ 7.2: Exponential Decay ☐ 7.3: The Number e	31
12-1411	7C D	☐ 7.4: Logarithmic Functions	39 69
	week 19	☐ 7.4. Logarithmic Functions ☐ 7.5: Properties of Logarithms - begin at home through 7.5d	24
22-jaii	7E F G	☐ 7.5: Properties of Logarithms - begin at nome through 7.5u	24
	(7H)	☐ 7.6: Solving Logarithmic Equations	22
20.1		☐ 8.1: Inverse Var, Joint Var, Combined Var. VID 8.1a-q at home	20
29-Jan	week 20	□ 8.1: Inverse Variation, Joint Variation, Combined Variation	24
	T7		
	8A B C	8.2: Simple Rational Functions	39
		8.3: Graphing Rational Functions	22
5-Feb	week 21	☐ 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
12-Feb	week 22	9.1: The Distance and Midpoint Formulas	9
	T8	9.2: Parabolas	17
40 Fab	9A B C	9.3: Circles	33
19-Feb		Winter Break for EAS and MAS	
26-Feb	week 23	9.4: Ellipses	13
	9D E (F)	□ 9.5: Hyperbolas□ 9.6: Conic Sections	23
	week 24	□ 9.6: Conic Sections□ 10.1: Sequences and Series	17 21
J-IVIAI	T9	☐ 10.1. Sequences and Series ☐ 10.2: Arithmetic Sequences, Arithmetic Series	16
	10 A B C (D)	☐ 10.2: Aritimetic Sequences, Aritimetic Series ☐ 10.3: Geometric Sequences, Geometric Series	16
12_Mar	week 25	Playing with Sequences and Series - Fibbonacci	10
	week 26	☐ 11.1: Introduction to Trigonometry	17
	no T10	☐ 11.2: The Tangent Ratio	18
	11A	☐ 11.3: Tangent Ratios for Particular Angles	11
	,	☐ 11.4 The Unit Circle and the Tangent Function	37
		☐ 11.5 Solving Problems with the Tangent Ratio	32

26-Mar week 27	\square 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
2-Apr week 28	☐ 11.10 Non-trivial Trigonometry Problems	77
11C D E	☐ 12.1: Graphing the Sine and Cosine functions - <i>finish at home</i>	43
9-Apr off	Spring Break for EAS and MAS	
16-Apr week 29	\square 12.2: Sinusoidal Motion and Circular Motion - vid a & b @home	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
23-Apr week 30	☐ 12.4 Solving Trig Equations	116
12C D		
30-Apr week 31	☐ 12.5: The Law of Sines and Law of Cosines	57
12E F G		
7-May week 32	Exam Review week	
T12	Final exam and all remaining work due by 5/23/2025	

* Work submitted by 5/20 will be eligible for corrections