Algebra 1 Syllabus 2023 - 2024 Mrs. Amy Evans

evansa@bledsoecountyschools.org

Requested Supply List

- 3 Subject Notebook (no loose leaf paper, loose gets lost)
- Folder (2 pockets w/ prongs needed)
- PENCILS (Math is not ink friendly!)

Classroom Rules

- Academic Integrity is the commitment to and demonstration of honest and moral behavior in an academic setting. This applies to classroom and at home online assignments.
- NO CHEATING! You run the risk of not receiving course credit.
- Listen and Read often!
- ❖ Be prepared for class.
- Don't get up without permission unless it is necessary.
- NO CELL PHONES! Cell phones must be turned off and placed in the calculator pockets each day.

Grading

- ♦ 65% Notes, Classwork, Review Packets, Homework, Activities, etc.
 - > All Classwork, Homework, & Review Packets must be completed 100%.
- 20% Projects, Mini Quizzes, & MasteryConnect Assignments
- Mini Quizzes; timed and occur 2 times a week after the first unit is complete
- MasteryConnect Mini Quizzes
 - > 4 10 questions
 - > 1 5 Specific Standards Assessed
 - Cube Root of % Correct * 21.5443
- ❖ 15% Term Exams via MasteryConnect
- EOC Assessment will be 15% of FIN score
- Percentages are subject to change!!!!

Digital Platforms

- Skyward Grades/Attendance
- Google Classroom Communication & Assignments
- enVision Savvas Realize (Textbook; Online Homework)
- MyLabsPlus Homework
- DeltaMath Review Packets
- MasteryConnect Mini Quizzes; Benchmark Testing
- Quizlet; Blooket Study Terms/Formulas/Games/Formative Assessments
- Zoom Communication & Presentation

Algebra 1 Pacing Guide for enVision Algebra 1

Lesson #	Standard	nVision Algebra 1 Title	Tentative # day(s)	Dates
		Topic 1: Solving Equations & Inequalities	12	
1-1	REI.A.1	Operations on Real Numbers	1	8/7
1-2	CED.A.1	Solving Linear Equations	1	8/8
	REI.A.1			
	REI.B.2a			
1-3	CED.A.1	Solving Equations With a Variable	2	8/9-8/10
	REI.A.1	on Each Side		
	REI.B.2a			
	Q.A.1.c			
1-4	CED.A.4	Literal Equations and Formulas	2	8/11 8/14
1-5	CED.A.1	Solving and Graphing Inequalities	2	8/15-8/16
. ,	CED.A.2	in One Variable	_	
	CED.A.3			
	REI.B.2.a			
1-6	CED.A.1	Compound Inequalities	1	8/17
	CED.A.3		-	-,-,
	REI.B.2.a			
1-7	CED.A.1	Absolute Value Equations and	2	8/18
,	CED.A.2	Inequalities		8/21
	REI.B.2.a	<u>'</u>		,
		Review Packet #1	1	8/22
		Topic 2: Linear Equations	8	
2-1	F.LE.A.2	Slope-Intercept Form	1	8/23
2.2	S.ID.C.5 F.LE.A.2	Doint Clana Form	4	9/24
2-2	S.ID.C.5	Point-Slope Form	1	8/24
2-3	CED.A.2	Standard Form	2	8/25
	CED.A.3			8/28
	IF.C.8			
3 Acts	CED.A.1	Mathematical Modeling in 3 Acts	1	8/29
		Video/Analysis (MP4)		
2-4	CED.A.2	Parallel & Perpendicular Lines	2	8/30-8/31
		Review Packet #2	1	9/1
		Topic 3: Linear Functions	15	
3-1	IF.A.1	Relations and Functions	2	9/5-9/6
3-2	Q.A.1.b	Linear Functions: identify	2	9/7-9/8
	IF.A.1	evaluate,graph, and write		
	IF.A.2a,b			
	IF.B.5			
	LE.A.2			
	LE.B.3			
TN-1	IF.A.2.a	Evaluating Two-Variable Functions	1	9/11

		T		
TN-2	IF.A.3	Understanding Geometric	2	9/12-9/13
		Formulas as Functions		
3-3	IF.C.7	Transforming Linear Functions	3	9/14-9/15
	BF.A.1			9/18
	BF.B.2			
3-4	BF.A.1a	Arithmetic Sequences	1	9/19
	LE.A.1.b			
	LE.A.2			
3-5	S.ID.B.4	Scatter Plots and Lines of Fit	2	9/20-9/21
2.6	S.ID.C.5	Apply-ing Lines of Fit		0/22
3-6	S.ID.B.4	Analyzing Lines of Fit	1	9/22
	S.ID.C.6			
	S.ID.C.7	De la Deal d'A		- /
		Review Packet #3	1	9/25
		Benchmark Review	1	9/26
		MasteryConnect Benchmark #1	1	9/27
		Topic 4: Systems of Linear	10	
		Equations and Inequalities		
4-1	REI.C.4	Solving Systems of Equations by	2	9/28-9/29
	REI.D.5	Graphing		
4-2	CED.A.3	Solving Systems of Equations by	2	10/2-10/3
	REI.C.4	Substitution		
		9 Weeks Testing	3	10/4-10/6
4-3	CED.A.3	Solving Systems of Equations by	2	10/16-10/17
	REI.C.4	Elimination		
4-4	CED.A.3	Linear Inequalities in Two Variables	1	10/18
	REI.C.4	'		, , , , , , , , , , , , , , , , , , ,
4-5	CED.A.3	Systems of Linear Inequalities	2	10/19-10/20
1 2	REI.D.7		_	,-,
	,	Review Packet #4	1	10/23
		Topic 5: Piecewise Functions	8	, ,
5-1	IF.B.4	Absolute Value Functions	2	10/24-10/25
, , , , , , , , , , , , , , , , , , ,	IF.B.6	7 ibsolute value l'alletions	_	10/24 10/25
	IF.C.7			
	IF.C.9.b			
5-2	IF.B.5	Piecewise-Defined Functions	2	10/26-10/27
5-3	IF.B.5	Step Functions	2	10/30-10/31
5-4	IF.C.7	Transformations of	1	11/1
	BF.B.2	Piecewise-Defined Functions	•	1.,.
		Review Packet #5	1	11/2
		Topic 6: Exponents and	9	
		Exponential Functions		
6-1	A2.N.RN.A.	Rational Exponents and Properties	1	11/3
· · ·	1 prep	of Exponents	•	,5
6-2	Q.A.1.a	Exponential Functions	2	11/6-11/7
J 2	IF.B.4	- Exponential Fairedons	_	'',5 '',7
	IF.B.5			
	IF.C.9.b			
	LE.A.1,1a			

SSE.A.1.a,b CED.A.2 RELD.6 IF.B.6 LE.A.1c, 2 LE.B.3 IF.C.9.b	6-3	Q.A.1.d	Exponential Growth and Decay	3	11/8-11/10
CED.A.2 REID.6 IF.B.6 IF.B.6 IF.B.6 IF.B.6 IF.B.6 IF.B.9 IF.C.9.b	0 5	•	Exponential drowth and becay)	11/0 11/10
RELD.6		· · · · · · · · · · · · · · · · · · ·			
IF.B.6 LE.A.1c, 2 LE.B.3 IF.C.9.b					
LE.A.1c, 2 LE.B.3 IF.C.9					
LE.B.3 IF.C.9.b					
IF.C.9.b		1			
6-4 BF.A.1a LE.A.2					
F.B.4	6-4		Geometric Sequences	1	11/13
IF.C.g.a Functions Review Packet #6 1 11/15		LE.A.2	·		
Review Packet #6	6-5	IF.B.4	Transformations of Exponential	1	11/14
Topic 7: Polynomials and Factoring		IF.C.9.a	Functions		
7-1 APR.A1 Adding & Subtracting Polynomials 2 11/16-11/17 7-2 APR.A1 Multiplying Polynomials 2 11/27-11/28 7-3 APR.A1 Multiplying Special Cases 2 11/29-11/30 7-4 SSE.A.1a Factoring Polynomials 2 12/1 7-5 SSE.A.1a Factoring x² + bx + c 2 12/5-12/6 7-6 SSE.A.1a Factoring ax² + bx + c 2 12/7-12/8 8 Benchmark Review 12/11-12/12 MasteryConnect Benchmark #2 12/11-12/12 7-7 SSE.A.1a Factoring Special Cases 1 12/14 Review Packet #7 1 12/13 12/13 7-7 SSE.A.1a Factoring Special Cases 1 12/14 Review Packet #7 1 12/13 12/13 7-7 SSE.A.1a Factoring Special Cases 1 12/14 8-1 CED.A.2 Reyiew Facture for Caphs of Quadratic Functions 1 1/14-1/5 8-2 IF.C.7 Br.B.2<			Review Packet #6	1	11/15
7-2 APR.A1 Multiplying Polynomials 2 11/27-11/28 7-3 APR.A1 Multiplying Special Cases 2 11/29-11/30 7-4 SSE.A.1a Factoring Polynomials 2 12/1 7-5 SSE.A.1a Factoring x² + bx + c 2 12/5-12/6 7-6 SSE.A.1a Factoring ax² + bx + c 2 12/1-12/12 8enchmark Review 12/11-12/12 12/13 7-7 SSE.A.1a Factoring Special Cases 1 12/13 7-7 SSE.A.1a Factoring Special Cases 1 12/13 7-7 SSE.A.1a Factoring Special Cases 1 12/13 8-7 SSE.A.1a Factoring Special Cases 1 12/13 8-1 CED.A.2 Review Packet #7 1 12/15 9 Weeks Testing 3 12/18-12/20 15B.6 IF.C.9 Quadratic Functions 1 1/4-1/5 16C.9 BF.B.2 IF.C.9 1 1/8-1/9 17C.9 IF.C.9			Topic 7: Polynomials and Factoring	14	
7-2 APR.A1 Multiplying Polynomials 2 11/27-11/28 7-3 APR.A1 Multiplying Special Cases 2 11/29-11/30 7-4 SSE.A.1a Factoring Polynomials 2 12/4 7-5 SSE.A.1a Factoring x² + bx + c 2 12/5-12/6 7-6 SSE.A.1a Factoring ax² + bx + c 2 12/17-12/8 8enchmark Review 12/11-12/12 12/13 7-7 SSE.A.1a Factoring Special Cases 1 12/14 8-1 Review Packet #7 1 12/15 8-1 CED.A.2 Key Features of Graphs of Quadratic Functions 11 8-1 CED.A.2 Key Features of Graphs of Quadratic Functions in Vertex Form BF.B.2 IF.C.9b 2 1/8-1/9 8-2 IF.C.7 Form Form 2 1/8-1/9 8-3 IF.B.4 Quadratic Functions in Standard IF.C.9b 2 1/10-1/11 8-4 IF.A.2.a Modeling With Quadratic Functions 2 1/12 8-5 LE.A.1.a Comparing Linear, Exp	7-1	APR.A1	Adding & Subtracting Polynomials	2	11/16-11/17
7-3 APR.A1 Multiplying Special Cases 2 11/29-11/30 7-4 SSE.A.1a Factoring Polynomials 2 12/1 7-5 SSE.A.1a Factoring x² + bx + c 2 12/5-12/6 7-6 SSE.A.1a Factoring ax² + bx + c 2 12/7-12/8 8 Benchmark Review 12/11-12/12 12/13 7-7 SSE.A.1a Factoring Special Cases 1 12/14 8-1 Review Packet #7 1 12/15 9 Weeks Testing 3 12/18-12/20 1 Topic 8: Quadratic Functions 11 8-1 CED.A.2 Key Features of Graphs of Quadratic Functions 2 1/4-1/5 8-1 CED.A.2 Key Features of Graphs of Quadratic Functions in Vertex Form BF.B.2 2 1/8-1/9 8-2 IF.C.9b Quadratic Functions in Standard Functions in Standard Functions in Standard Functions in Standard Functions In Functions in Standard Functions In Function		APR.A1		2	
7-4 SSE.A.1a Factoring Polynomials 2 12/1 7-5 SSE.A.1a Factoring x² + bx + c 2 12/5-12/6 7-6 SSE.A.1a Factoring ax² + bx + c 2 12/7-12/8 8-1 Benchmark Review 12/11-12/12 MasteryConnect Benchmark #2 12/13 7-7 SSE.A.1a Factoring Special Cases 1 12/14 Review Packet #7 1 12/15 1 12/15 9 Weeks Testing 3 12/18-12/20 1 1 12/15 1 12/15 1 12/15 1 12/15 1 12/15 1 12/15 1 12/15 1 12/15 1 12/15 1 12/15 1 12/15 1 12/15 1 12/15 1 12/15 1 12/15 1 12/15 1 1 12/15 1 1 12/15 1 1 12/15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		APR.A1		2	
12/4 7-5 SSE.A.1a Factoring x² + bx + c 2 12/5-12/6 SSE.A.1a Factoring ax² + bx + c 2 12/7-12/8 Benchmark Review 12/11-12/12		SSE.A.1a		2	
7-5 SSE.A.1a Factoring x² + bx + c 2 12/5-12/6 7-6 SSE.A.1a Factoring ax² + bx + c 2 12/7-12/8 Benchmark Review 12/11-12/12 MasteryConnect Benchmark #2 12/13 7-7 SSE.A.1a Factoring Special Cases 1 12/14 Review Packet #7 1 12/15 1 12/15 9 Weeks Testing 3 12/18-12/20 1 12/18-12/20 Topic 8: Quadratic Functions 11 1 12/15-12/20 1 1 12/18-12/20 1 1 12/15-12/20 1 1 12/15-12/20 1 1 1 1 1 1 1 1 12/15-12/20 1	.				
7-6 SSE.A.1a Factoring ax² + bx + c 2 12/7-12/8 Benchmark Review 12/11-12/12 MasteryConnect Benchmark #2 12/13 7-7 SSE.A.1a Factoring Special Cases 1 12/14 Review Packet #7 1 12/15 9 9 Weeks Testing 3 12/18-12/20 8-1 CED.A.2 IF.B.6 Quadratic Functions 11 11 11 11 11 11 11 11 12/18-12/20 11/4-1/5 11 11/4-1/5 11 11/4-1/5 11/4-11/5 11 11/4-1/5 <td>7-5</td> <td>SSE.A.1a</td> <td>Factoring x² + bx + c</td> <td>2</td> <td></td>	7-5	SSE.A.1a	Factoring x ² + bx + c	2	
Benchmark Review 12/11-12/12		SSE.A.1a	-		
MasteryConnect Benchmark #2 12/13	,				
Topic 8: SE.A.1a Factoring Special Cases 1 12/14					
Review Packet #7 1 12/15 9 Weeks Testing 3 12/18-12/20 Topic 8: Quadratic Functions 11	7-7	SSE.A.1a		1	
Section Sect		332			
Topic 8: Quadratic Functions 11			-		
8-1 CED.A.2 IF.B.6 Quadratic Functions 2 1/4-1/5 IF.B.6 IF.C.7 BF.B.2 IF.C.9b Quadratic Functions in Vertex Form 2 1/8-1/9 8-2 IF.C.7 BF.B.2 IF.C.9b Quadratic Functions in Vertex Form 2 1/8-1/9 8-3 IF.B.4 IF.C.7 Form Quadratic Functions in Standard 2 1/10-1/11 IF.C.9a IF.C.9a IF.C.9b IF.A.2.a BF.A.1 ID.B.4 Modeling With Quadratic Functions 2 1/12 1/16 8-5 LE.A.1.a ID.B.4 and Quadratic Models Comparing Linear, Exponential, and Quadratic Models 2 1/17-1/18 9-1 REI.B.3 Solving Quadratic Equations Using 1 1/22				•	12/10/12/20
IF.B.6	8-1	CED.A.2	· · · · · · · · · · · · · · · · · · ·		1/4-1/5
IF.C.7 BF.B.2 IF.C.9b				_	1 71 75
BF.B.2 IF.C.9b		IF.C.7	`		
IF.C.9b					
BF.B.2 IF.C.9b					
8-3 IF.B.4 Quadratic Functions in Standard 1/10-1/11	8-2		Quadratic Functions in Vertex Form	2	1/8-1/9
8-3 IF.B.4 IF.C.7 IF.C.7 Form Quadratic Functions in Standard Functions in Standard Functions IF.C.9a IF.C.9a IF.C.9b 2 1/10-1/11 8-4 IF.A.2.a BF.A.1 ID.B.4 Modeling With Quadratic Functions ID.B.4 2 1/12 IM.D.B.4 8-5 LE.A.1.a ID.B.4 ID.			·		
8-3 IF.B.4 IF.C.7 IF.C.7 Form Quadratic Functions in Standard Functions in Standard Functions IF.C.9a IF.C.9a IF.C.9b 2 1/10-1/11 8-4 IF.A.2.a BF.A.1 ID.B.4 Modeling With Quadratic Functions ID.B.4 2 1/12 IM.D.B.4 8-5 LE.A.1.a ID.B.4 ID.		IF.C.9b			
IF.C.7	8-3	IF.B.4	Quadratic Functions in Standard	2	1/10-1/11
IF.C.9a IF.C.9b		IF.C.7	Form		
IF.C.9b		IF.C.8.a			
8-4 IF.A.2.a Modeling With Quadratic Functions 2 1/12 BF.A.1 1/16 ID.B.4 8-5 LE.A.1.a Comparing Linear, Exponential, 2 1/17-1/18 ID.B.4 and Quadratic Models Review Packet #8 1 1/19 Topic 9: Quadratic Equations 15 9-1 REI.B.3 Solving Quadratic Equations Using 1 1/22		IF.C.9a			
BF.A.1 ID.B.4 8-5 LE.A.1.a ID.B.4 Comparing Linear, Exponential, 2 1/17-1/18 ID.B.4 And Quadratic Models Review Packet #8 1 1/19 Topic 9: Quadratic Equations 15 9-1 REI.B.3 Solving Quadratic Equations Using 1 1/22		IF.C.9b			
ID.B.4	8-4	IF.A.2.a	Modeling With Quadratic Functions	2	1/12
8-5 LE.A.1.a Comparing Linear, Exponential, 2 1/17-1/18 ID.B.4 and Quadratic Models Review Packet #8 1 1/19 Topic 9: Quadratic Equations 15 9-1 REI.B.3 Solving Quadratic Equations Using 1 1/22		BF.A.1			1/16
ID.B.4 and Quadratic Models		ID.B.4			
Review Packet #8 1 1/19 Topic 9: Quadratic Equations 15 9-1 REI.B.3 Solving Quadratic Equations Using 1 1/22	8-5	LE.A.1.a	Comparing Linear, Exponential,	2	1/17-1/18
Topic 9: Quadratic Equations 15 9-1 REI.B.3 Solving Quadratic Equations Using 1 1/22		ID.B.4	and Quadratic Models		
9-1 REI.B.3 Solving Quadratic Equations Using 1 1/22			Review Packet #8	1	1/19
			Topic 9: Quadratic Equations	15	
Graphs and Tables	9-1	REI.B.3	Solving Quadratic Equations Using	1	1/22
			Graphs and Tables		

9-2	REI.B.3.a IF.C.8.a	Solving Quadratic Equations by Factoring	3	1/23-1/25
9-3	SSE.A.1.a SSE.A.1.b	Rewriting Radical Expressions	2	1/26 1/29
9-4	CED.A.1 REI.A.1 REI.B.3.a	Solving Quadratic Equations Using Square Roots	2	1/30-1/31
9-6	CED.A.1 REI.B.3.a	The Quadratic Formula and the Discriminant	2	2/1-2/2
9-7	REI.B.3.a REI.D.6	Solving Systems of Linear and Quadratic Equations	2	2/5-2/6
TN-3	REI.B.3.b	Solving Quadratic Inequalities by Graphing	2	2/7-2/8
		Review Packet #9	1	
		Topic 10: Working With Functions	4	
10-3	IF.B.4	Analyzing Functions Graphically	2	2/9 2/12
10-4	BF.B.2 IF.C.7	Translations of Functions	2	2/13-2/14
		Topic 11: Statistics	5	
11-1	ID.A.1 ID.A.3	Analyzing Data Displays	1	2/15
11-2	ID.A.1 ID.A.2 ID.A.3	Comparing Data Sets	2	2/16 2/20
11-3	ID.A.1 ID.A.2 ID.A.3	Interpreting the Shapes of Data Displays	2	2/21-2/22
		Review Packet #10	2	2/23-2/26
		Benchmark Review	10	2/27-2-29 3/1 3/4 3/6-3/8 3/11-3/12
		MasteryConnect Benchmark #3	1	3/13
Preparation for EOC		☐ Mastery Connect ☐ enVision Savvas Realize ☐ Released state practices ☐ Textbook assessment practices: 10,17,23,29,35,42,49,62,68,7 4,82,94,101,108,117,125,134,1 49,156,163,169,176,189,196,2 02,209,223,230,238,245,251,2 66,274,280,286,293,300,306 ,321,328,335,342,350,362,36 9,375,381,388,395,402,417,4		

	24,431,437,443,450,456,471,	
	479,486,494	