

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	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 REI.A.1 REI.B.2a	Solving Linear Equations	1	8/8
1-3	CED.A.1 REI.A.1 REI.B.2a Q.A.1.c	Solving Equations With a Variable on Each Side	2	8/9-8/10
1-4	CED.A.4	Literal Equations and Formulas	2	8/11 8/14
1-5	CED.A.1 CED.A.2 CED.A.3 REI.B.2.a	Solving and Graphing Inequalities in One Variable	2	8/15-8/16
1-6	CED.A.1 CED.A.3 REI.B.2.a	Compound Inequalities	1	8/17
1-7	CED.A.1 CED.A.2 REI.B.2.a	Absolute Value Equations and Inequalities	2	8/18 8/21
		Review Packet #1	1	8/22
		Topic 2: Linear Equations	8	
2-1	F.LE.A.2 S.ID.C.5	Slope-Intercept Form	1	8/23
2-2	F.LE.A.2 S.ID.C.5	Point-Slope Form	1	8/24
2-3	CED.A.2 CED.A.3 IF.C.8	Standard Form	2	8/25 8/28
3 Acts	CED.A.1	Mathematical Modeling in 3 Acts Video/Analysis (MP4)	1	8/29
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 IF.A.1 IF.A.2a,b IF.B.5 LE.A.2 LE.B.3	Linear Functions: identify evaluate, graph, and write	2	9/7-9/8
TN-1	IF.A.2.a	Evaluating Two-Variable Functions	1	9/11

TN-2	IF.A.3	Understanding Geometric Formulas as Functions	2	9/12-9/13
3-3	IF.C.7 BF.A.1 BF.B.2	Transforming Linear Functions	3	9/14-9/15 9/18
3-4	BF.A.1a LE.A.1.b LE.A.2	Arithmetic Sequences	1	9/19
3-5	S.ID.B.4 S.ID.C.5	Scatter Plots and Lines of Fit	2	9/20-9/21
3-6	S.ID.B.4 S.ID.C.6 S.ID.C.7	Analyzing Lines of Fit	1	9/22
		Review Packet #3	1	9/25
		Benchmark Review	1	9/26
		MasteryConnect Benchmark #1	1	9/27
		Topic 4: Systems of Linear Equations and Inequalities	10	
4-1	REI.C.4 REI.D.5	Solving Systems of Equations by Graphing	2	9/28-9/29
4-2	CED.A.3 REI.C.4	Solving Systems of Equations by Substitution	2	10/2-10/3
		9 Weeks Testing	3	10/4-10/6
4-3	CED.A.3 REI.C.4	Solving Systems of Equations by Elimination	2	10/16-10/17
4-4	CED.A.3 REI.C.4	Linear Inequalities in Two Variables	1	10/18
4-5	CED.A.3 REI.D.7	Systems of Linear Inequalities	2	10/19-10/20
		Review Packet #4	1	10/23
		Topic 5: Piecewise Functions	8	
5-1	IF.B.4 IF.B.6 IF.C.7 IF.C.9.b	Absolute Value Functions	2	10/24-10/25
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 BF.B.2	Transformations of Piecewise-Defined Functions	1	11/1
		Review Packet #5	1	11/2
		Topic 6: Exponents and Exponential Functions	9	
6-1	A2.N.RN.A. 1 prep	Rational Exponents and Properties of Exponents	1	11/3
6-2	Q.A.1.a IF.B.4 IF.B.5 IF.C.9.b LE.A.1,1a	Exponential Functions	2	11/6-11/7

6-3	Q.A.1.d SSE.A.1.a,b CED.A.2 REI.D.6 IF.B.6 LE.A.1c, 2 LE.B.3 IF.C.9.b	Exponential Growth and Decay	3	11/8-11/10
6-4	BF.A.1a LE.A.2	Geometric Sequences	1	11/13
6-5	IF.B.4 IF.C.9.a	Transformations of Exponential Functions	1	11/14
		Review Packet #6	1	11/15
		Topic 7: Polynomials and Factoring	14	
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 12/4
7-5	SSE.A.1a	Factoring $x^2 + bx + c$	2	12/5-12/6
7-6	SSE.A.1a	Factoring $ax^2 + bx + c$	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 Weeks Testing	3	12/18-12/20
		Topic 8: Quadratic Functions	11	
8-1	CED.A.2 IF.B.6 IF.C.7 BF.B.2 IF.C.9b	Key Features of Graphs of Quadratic Functions	2	1/4-1/5
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 IF.C.8.a IF.C.9a IF.C.9b	Quadratic Functions in Standard Form	2	1/10-1/11
8-4	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	Comparing Linear, Exponential, and Quadratic Models	2	1/17-1/18
		Review Packet #8	1	1/19
		Topic 9: Quadratic Equations	15	
9-1	REI.B.3	Solving Quadratic Equations Using Graphs and Tables	1	1/22

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		<input type="checkbox"/> Mastery Connect <input type="checkbox"/> enVision Savvas Realize <input type="checkbox"/> Released state practices <input type="checkbox"/> Textbook assessment practices: 10,17,23,29,35,42,49,62,68,74,82,94,101,108,117,125,134,149,156,163,169,176,189,196,202,209,223,230,238,245,251,266,274,280,286,293,300,306,321,328,335,342,350,362,369,375,381,388,395,402,417,4		

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