

Algebra 1 Syllabus 2024 - 2025

Mrs. Amy Evans

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Requested Supply List

- ❖ 2 in Binder (Guided Notes)
- ❖ PENCILS (Math is not ink friendly!)

Classroom Rules

- ❖ NO CHEATING! You run the risk of not receiving course credit.
- ❖ Listen and Read often, & be prepared for class.
- ❖ NO CELL PHONES! Cell phones must be turned off and placed in the calculator pockets or backpack each day.
- ❖ The student must relinquish their cell phone before going to the restroom.
- ❖ NO FOOD!!! WATER ONLY & MUST HAVE LIDS THAT WILL CLOSE!!!

Grading

- ❖ 65% Notes, Classwork, Review Packets, Homework, Activities, Projects, Blooket etc.
 - **All Delta & Savvas assignments can/should be completed 100%.**
- ❖ 20% Mini Quizzes
- ❖ Mini Quizzes; timed and occur 2 times a week after the first unit is complete
- ❖ MasteryConnect Mini Quizzes
 - 5 - 10 questions
 - 1 - 5 Specific Standards Assessed
 - Scored on a curve similar to the EOC
- ❖ 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; Assignments
- ❖ DeltaMath – Assignments
- ❖ MasteryConnect - Mini Quizzes; Benchmark Testing
- ❖ Kahoot!; 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
TERM 1		Topic 1: Solving Equations & Inequalities	7	
1-1	REI.A.1	Operations on Real Numbers <ul style="list-style-type: none"> - Identifying Properties (L1) - Average Rate of Change (Table) 	1	8/7
1-2	CED.A.1 REI.A.1 REI.B.2a	Solving Linear Equations <ul style="list-style-type: none"> - Linear Equations w/ Distribution (L1 & L2) 	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 <ul style="list-style-type: none"> - Linear Equations w/ Distribution (L3) 	1	8/9
1-5	CED.A.1 CED.A.2 CED.A.3 REI.B.2.a	Solving and Graphing Inequalities in One Variable <ul style="list-style-type: none"> - Values that Make an Inequality True (MC-L2) - Linear Inequalities (L2) 	1	8/12
1-7 Pt 1 & Pt 2	CED.A.1 CED.A.2 REI.B.2.b	Absolute Value Equations and Inequalities <ul style="list-style-type: none"> - Absolute Value Equations (Basic L2) - Absolute Value Equations (L1) - Absolute Value Inequalities (L1) - Absolute Value Inequalities (L2) 	2	8/13-8/14
		Review Packet #1	1	8/15 (8/16)
		Topic 2: Linear Equations	5	
2-1	F.LE.A.2 S.ID.C.5	Slope-Intercept Form <ul style="list-style-type: none"> - Interpret Linear Equation in Context (MC) - Interpret Linear Function Coefficients (From Equation) - Write Equation Given Linear Situation 	1	8/19
2-3 Pt 1 & Pt 2	CED.A.2 CED.A.3 IF.C.8	Standard Form to Slope-Intercept	2	8/20-8/21

2-4		<ul style="list-style-type: none"> - Graphing Lines from Equations - Graphing $Ax+By=C$ from Intercepts - Match Graph/Equation $Ax+By=C$ (MC) 	1	8/22
		Review Packet #2	1	8/23
		Topic 3: Linear Functions	8	
3-1	IF.A.1	Relations and Functions <ul style="list-style-type: none"> - Mapping - Graphs - List 	1	8/26
3-2 Pt 1 & Pt 2	Q.A.1.b IF.A.1 IF.A.2a,b IF.B.5 LE.A.2 LE.B.3	Linear Functions <ul style="list-style-type: none"> - Evaluate Linear Functions - Make Table & Equation Given Linear Situation - Write & Interpret Functions 	2	8/27-8/28
3-4	BF.A.1a LE.A.1.b LE.A.2	Arithmetic Sequences	1	8/29
3-5	S.ID.B.4 S.ID.C.5	Scatter Plots and Lines of Fit <ul style="list-style-type: none"> - Correlation Coefficient - Association/Correlation (Scatter Plot) 	2	8/30-9/3
3-6	S.ID.B.4 S.ID.C.6 S.ID.C.7	Analyzing Lines of Fit <ul style="list-style-type: none"> - Write Linear Regression Equation - Predict Values - Strength of Linear Relationship 	1	9/4
		Review Packet #3	1	9/5 (9/6)
		Topic 4: Systems of Linear Equations and Inequalities	6	
4-1, 4.2, 4.3 Pt 1 & Pt 2	REI.C.4 REI.D.5 REI.D.6	Solving Systems of Equations by Graphing <ul style="list-style-type: none"> - Determine Number of Solutions in System - Solve Linear Systems Graphically (Graphs Given) - Test Solutions to Linear Equations - Solve System of Equations from Context (pick specific) 	2	9/9-9/10
4-4	CED.A.3 REI.C.4	Linear Inequalities in Two Variables <ul style="list-style-type: none"> - Graphing Linear Inequalities 	1	9/11

4-5 Pt 1 & Pt 2	CED.A.3 REI.D.7	Systems of Linear Inequalities - Point Solving System of Inequalities - Linear Inequality Systems Graphically	2	9/12-9/13
		Review Packet #4	1	9/16
		Benchmark Review	4	9/17-9/20
		MasteryConnect Benchmark #1	1	9/23
TERM 1		9 Weeks Review & Testing	9	9/24 - 10/4
TERM 2		Topic 5: Piecewise Functions	3	
5-1	IF.B.4 IF.B.6 IF.C.7 IF.C.9.b	Absolute Value Functions - Transformations of Functions - Find Domain & Range w/ Technology (Abs Value)	1	10/14
5-2	IF.B.5	Piecewise-Defined Functions (w/ Kuta)	1	10/15
		Review Packet #5	1	10/16
		Topic 6: Exponents and Exponential Functions	5	
6-2	Q.A.1.a IF.B.4 IF.B.5 IF.C.9.b LE.A.1,1a	Exponential Functions - Table to Exponential Function - Linear vs Exponential Contexts (MC)	1	10/17
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	1	10/18
6-4	BF.A.1a LE.A.2	Geometric Sequences	1	10/21
6-5	IF.B.4 IF.C.9.a	Transformations of Exponential Functions (A2 Discovery)	1	10/22
		Review Packet #6	1	10/23 (10/24 - 10/25)
		Topic 7: Polynomials and Factoring	8	
7-1	APR.A1	Adding & Subtracting Polynomials	1	10/28
7-2 Pt 1 & Pt 2	APR.A1	Multiplying Polynomials	2	10/29 - 10/30
7-5	SSE.A.1a	Factoring $x^2 + bx + c$	1	10/31
7-6 Pt 1 & Pt 2	SSE.A.1a	Factoring $ax^2 + bx + c$	2	11/1 - 11/4
7-7	SSE.A.1a	Factoring Special Cases (Difference of 2 Squares)	1	11/6

		Review Packet #7	1	11/7 (11/8)
		Topic 8: Quadratic Functions	8	
8-1 Pt 1 & Pt 2	CED.A.2 IF.B.6 IF.C.7 BF.B.2 IF.C.9b	Key Features of Graphs of Quadratic Functions <ul style="list-style-type: none"> - Transformations - Evaluate Quadratic Functions - Average Rate of Change (Equation) 	2	11/11 - 11/12
8-2	IF.C.7 BF.B.2 IF.C.9b	Quadratic Functions in Vertex Form <ul style="list-style-type: none"> - Parabolas: Vertex Form Coefficients 	1	11/13
8-3	IF.B.4 IF.C.7 IF.C.8.a IF.C.9a IF.C.9b	Quadratic Functions in Standard Form <ul style="list-style-type: none"> - Parabolas: Standard Form Coefficients 	1	11/14
8-4	IF.A.2.a BF.A.1 ID.B.4	Modeling With Quadratic Functions <ul style="list-style-type: none"> - Quadratic Word Problems (Area of a Rectangle) 	1	11/15
8-5	LE.A.1.a ID.B.4	Comparing Linear, Exponential, and Quadratic Models <ul style="list-style-type: none"> - Linear/ Quadratic/ Exponential (Differences) - Compare Function Values 	2	11/18 - 11/19
		Review Packet #8	1	11/20 (11/21 - 11/26)
		Benchmark Review	5	12/2 - 12/6
		MasteryConnect Benchmark #2		12/9
TERM 2		9 Weeks Review & Testing	9	12/10 - 12/20
TERM 3		Topic 9: Quadratic Equations	4	
9-1	REI.B.3	Solving Quadratic Equations Using Graphs and Tables (Desmos)	1	1/6
9-2 Pt 1 & Pt 2	REI.B.3.a IF.C.8.a	Solving Quadratic Equations by Factoring <ul style="list-style-type: none"> - Quadratic Extreme Value from Equation - Interpret Graphs of Quadratics in Context (Graphs Given) - Interpret Quadratics in Context (Graphing Tech) 	2	1/7 - 1/8
		Review Packet #9	1	1/9 (1/10)

		Topic 10: Working With Functions	3	
10-3	IF.B.4	Analyzing Functions Graphically <ul style="list-style-type: none"> - Graph shapes for various functions - Domain & Range - Increasing/Decreasing & Linear/Non-Linear 	1	1/13
10-4	BF.B.2 IF.C.7	ALL Transformations <ul style="list-style-type: none"> - Absolute Value - Exponential - Quadratic 	1	1/14
		Review Packet #10	1	1/15 (1/16 - 1/17)
		Topic 11: Statistics	4	
11-1	ID.A.1 ID.A.3	Analyzing Data Displays (MasteryConnect)	1	1/21
11-2	ID.A.1 ID.A.2 ID.A.3	Comparing Data Sets (MasteryConnect)	2	1/22 - 1/23 (1/24)
		Review Packet #11	1	1/27 (1/28)
		Benchmark Review	17	1/29 - 2/21
		MasteryConnect Benchmark #3	1	2/24
TERM 3		9 Weeks Review & Testing	14	2/25 - 3/14
TERM 4		EOC REVIEW		
		All Things Linear	5	3/24 - 3/28
		All Things Quadratic	5	3/31 - 4/4
		All Things Exponential	5	4/7 - 4/11
		Statistics	4	4/14 - 4/17?
		EOC		4/14 - 5/2
		Geometry Transformations <ul style="list-style-type: none"> - Translations - Reflections - Rotations 	4	?
		Solving Proportions	1	?
		Similar Figures (Missing Measures)	1	?
		Geometry Review & Test	2	?