


Mathematics – College Preparatory Mathematics (CPM)

2019-2020 Pacing Calendar

Units of Instruction

Unit 1 – One-Variable Equations & Inequalities

Students solve and apply linear equations and inequalities in one variable.

2019		August				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
28	29	30	31	01	02	03
04	05	06	07	08	09	10
11	12	13	14	15	16	17
Teacher Service Days (no students)						
18	19	20	21	22	23	24
Teacher Prep Day (no students)		Teacher Service Days (no students)				
25	26	27	28	29	30	31
		Unit 1 (7 45-minute class periods)				
01	02	Notes: Aug. 12-23 - Teacher Service Days (no students) Aug. 19 - Teacher Preparation Day (no students)				



Secondary Curriculum and Development

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Units of Instruction

Unit 1 – One-Variable Equations & Inequalities

Students solve and apply linear equations and inequalities in one variable.

Unit 2 – Linear Equations & Inequalities

Students analyze, graph, and write various forms of linear equations and inequalities using multiple representations in mathematical and real-world contexts.

Unit 3 – Systems of Equations & Inequalities

Using real-world situations, students solve and analyze systems of linear equations and inequalities with two variables using graphs, tables, and algebraic methods.

2019		September				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
01	02 Labor Day	03 Unit 1 (7 45-minute class periods)	04	05	06 • Extend • Review • Assess • Reteach	07
08	09 Unit 2 (10 45-minute class periods)	10	11	12	13	14
15	16 Unit 2 (10 45-minute class periods)	17	18	19	20	21
22	23 • Extend • Review • Assess • Reteach	24 Unit 3 (8 45-minute class periods)	25	26	27 Early Dismissal / Staff Development	28
29	30 Unit 3 (8 45-minute class periods)	01	02	03	04	05
06	07	Notes: Sept. 2 - Labor Day Sept. 27 - Early Dismissal / Staff Development				



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Units of Instruction

Unit 3 – Systems of Equations & Inequalities
Using real-world situations, students solve and analyze systems of linear equations and inequalities with two variables using graphs, tables, and algebraic methods.

Unit 4 – Polynomials and Operations
Students evaluate, analyze, perform, operations on, and apply properties of polynomials.

Unit 5 – Polynomials & Factoring
Students explore various methods of factoring polynomials.

Unit 6 – Quadratic Equations
Students analyze, graph, and solve quadratic functions and inequalities and connect the attributes and solutions to real world situations using multiple representations.

2019		October					
	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	01 Unit 3 (8 45-minute class periods)	02	03	04 • Extend • Review • Assess • Reteach	05 END OF CYCLE 1	
06	07 Unit 3 (8 45-minute class periods)	08 • Extend • Review • Assess • Reteach	09 Teacher Service Day (no students)	10 Unit 4 (6 45-minute class periods)	11	12	
13	14 Unit 4 (6 45-minute class periods)	15	16	17	18 Early Dismissal / Staff Development	19	
20	21 • Extend • Review • Assess • Reteach	22 Unit 5 (6 45-minute class periods)	23	24	25	26	
27	28 Unit 5 (6 45-minute class periods)	29	30 • Extend • Review • Assess • Reteach	31 Unit 6 (8 45-minute class periods)	01	02	
03	04	Notes: Oct. 28 - Nov. 1 - Snapshot 1 Assessment window Oct. 9 - Teacher Service Day (no students) Oct. 18 - Early Dismissal / Staff Development					

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Unit	2019 November						
Units of Instruction	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Unit 6 – Quadratic Equations Students analyze, graph, and solve quadratic functions and inequalities and connect the attributes and solutions to real world situations using multiple representations.	27	28	29	30	31	01 Unit 6 (8 45-minute class periods)	02
	03	04 Unit 6 (8 45-minute class periods)	05	06	07	08	Early Dismissal / Staff Development
Unit 7 – Rational Expressions and Equations Students analyze, perform functions on, and solve equations and application problems involving rational expressions, including rational exponents.	10	11 Unit 6 (8 45-minute class periods)	12 • Extend • Review • Assess • Reteach	13 Unit 7 (7 45-minute class periods)	14	15	16
	17	18 Unit 7 (7 45-minute class periods)	19	20	21	22 • Extend • Review • Assess • Reteach	23
	24	25 26 27 28 29 Thanksgiving					30
	01	02	Notes: Oct. 28 - Nov. 1 - Snapshot 1 Assessment window Nov. 8 - Early Dismissal / Staff Development Nov. 25-29 - Thanksgiving Break				

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Units of Instruction

Unit 8 – Radical Expressions & Equations
Students analyze, perform functions on, and solve equations and application problems involving radical expressions and equations.

2019	December					
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
01	02 Unit 8 (8 45-minute class periods)	03	04	05	06	07
08	09 Unit 8 (8 45-minute class periods)	10	11	12 • Extend • Review • Assess • Reteach	13 • Extend • Review • Assess • Reteach	14
15	16 	17 	18 	19 	20 Teacher Prep Day (no students)	21 END OF CYCLE 3
22	Winter Break					28
29	Winter Break		01	02	03	04
05	06	Notes: Dec. 2-19 - District-Level & District Pre-Approved (Fall) Assessments window Dec. 20 - Teacher Preparation Day (no students) Dec. 23 - Jan. 3 - Winter Break				

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Units of Instruction

Unit 9 – Absolute Value Equations, Inequalities, and Functions

Students solve, analyze, and graph absolute value equations and inequalities.

Unit 10 – Factoring Completely

Students use factoring techniques including factoring by grouping, completing the square, sum of two cubes, and difference of two cubes to factor polynomials.

2020		January				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	31	01	02	03	04
	Winter Break					
05	06 Unit 9 (8 45-minute class periods)	07	08	09	10	11
12	13	14	15	16 • Extend • Review • Assess • Reteach	17 Early Dismissal / Staff Development	18
19	20 Martin Luther King, Jr. Day	21 Unit 10 (8 45-minute class periods)	22	23	24	25
26	27 Unit 10 (8 45-minute class periods)	28	29	30	31 • Extend • Review • Assess • Reteach	01
02	03	Notes: Jan. 27-31 - Snapshot 2 Assessment window Dec. 23 - Jan. 3 - Winter Break Jan. 17 - Early Dismissal / Staff Development Jan. 20 - Martin Luther King, Jr. Day				

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Units of Instruction

Unit 11 – Transformations and Attributes of Quadratic Functions

Students analyze the transformation of a quadratic function in $f(x) = ax^2 + bx + c$ and $f(x) = a(x - h)^2 + k$ forms through multiple representations.

Unit 12 – Quadratic Equations, Inequalities, and Functions

Students write and solve quadratic equations by factoring, completing the square, and applying the quadratic formula, and apply these methods to solving real-world problems.

Unit 13 – Systems of Quadratic Equations & Linear Equations Inequalities

Students analyze a system of equations in two variables consisting of a linear equation.

2020		February				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26	27	28	29	30	31	01
02	03 Unit 11 (6 45-minute class periods)	04	05	06	07	08
09	10 Unit 11 (6 45-minute class periods)	11 • Extend • Review • Assess • Reteach	12 Unit 12 (8 45-minute class periods)	13	14 Early Dismissal / Staff Development	15 END OF CYCLE 4
16	17 Unit 12 (8 45-minute class periods)	18	19	20	21	22
23	24 Unit 12 (8 45-minute class periods)	25 • Extend • Review • Assess • Reteach	26 Unit 13 (6 45-minute class periods)	27	28	29
01	02	Notes: Feb. 24-28 - STAAR-Released Assessment window Feb. 14 - Early Dismissal / Staff Development				

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2019-2020 Pacing Calendar		2020 March					
Units of Instruction	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Unit 13 – Systems of Quadratic Equations & Linear Equations Inequalities Students analyze a system of equations in two variables consisting of a linear equation.	01	02 Unit 13 (6 45-minute class periods)	03	04	05 • Extend • Review • Assess • Reteach	06 Unit 14 (5 45-minute class periods)	07
	Unit 14 – Operations with Complex Numbers Students perform operations on expressions with complex numbers.	08	09 Unit 14 (5 45-minute class periods)	10	11	12	13 • Extend • Review • Assess • Reteach
Unit 15 – Root Functions Students analyze, perform operations on, and solve equations and application problems involving radical expressions.		15	Spring Break				
	22	23 Unit 15 (8 45-minute class periods)	24	25	26	27	28
	29	30 Chávez / Huerta Day	31 Unit 15 (8 45-minute class periods)	01	02	03	04
	05	06	Notes: Mar. 23-27 STAAR-Released Assessment window Mar. 16-20 - Spring Break Mar. 30 - César Chávez / Dolores Huerta Day				

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Unit 15 – Root Functions
Students analyze, perform operations on, and solve equations and application problems involving radical expressions.

Unit 16 – Rational Equations & Functions
Students analyze rational equations and functions through graphs, tables, and algebraic methods.

Unit 17 – Exponential and Logarithmic Functions
Students graph, analyze, and solve exponential and logarithmic functions and equations.

2020		April				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	31	01 Unit 15 (8 45-minute class periods)	02	03 • Extend • Review • Assess • Reteach	04 END OF CYCLE 5
05	06 Unit 16 (8 45-minute class periods)	07	08	09	10 Spring Holiday	11
12	13 Unit 16 (8 45-minute class periods)	14	15	16	17 • Extend • Review • Assess • Reteach	18
19	20 Unit 17 (8 45-minute class periods)	21	22	23	24	25
26	27 Unit 17 (8 45-minute class periods)	28	29	30 • Extend • Review • Assess • Reteach	01	02
03	04	Notes: Apr. 10 - Spring Holiday				

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2020		May						
Units of Instruction		SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Unit 18 – Data Analysis, Statistics, and Probability Students analyze data, statistical models, and probability situations and evaluate models of regressions in real-world contexts.	26	27	28	29	30	01	02	
							Unit 18 (8 45-minute class periods)	
	03	04	05	06	07	08	09	
		Unit 18 (8 45-minute class periods)						
	10	11	12	13	14	15	16	
		Unit 18 (8 45-minute class periods)			• Extend • Review • Assess • Reteach			
	17	18	19	20	21	22	23	
		• Extend • Review • Assess • Reteach						
24	25	26	27	28	29	30		
	Memorial Day					END OF CYCLE 6		
31	01	Notes: May 11-29 - District Pre-Approved (Spring) Assessment window May 25 - Memorial Day						

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Pacing Calendar**
Units of Instruction

2020		June				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
31	01	02	03	04	05	06
	Weather Make-Up/ Teacher Prep Day (no students)	Teacher Prep Day (no students)				
07	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	01	02	03	04
05	06	Notes: June 1 - Weather Make-Up Day (if needed) June 1-2 - Teacher Preparation Day (no students)				