


## Mathematics – Statistics

### 2021-2022 Pacing Calendar

#### Units of Instruction

**Unit 1 – Categorical and Quantitative Data**  
Students identify and distinguish between categorical and quantitative data.

2021		August				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
01	02	03	04	05	06	07
Enrichment Opportunities						
08	09	10	11	12	13	14
Enrichment Opportunities						
15	16	17	18	19	20	21
Teacher Service Days (no students)		Teacher Prep Day (no students)		Teacher Service Days (no students)		
22	23 	24 Unit 1 (8 45-min. class periods)	25	26	27	28
29	30 Unit 1 (8 45-min. class periods)	31	01	02	03	04
05	06	<b>Notes:</b> Aug. 16-20 - Teacher Service Days (no students)				

## Mathematics – Statistics

### 2021-2022 Pacing Calendar

#### Units of Instruction

**Unit 1 – Categorical and Quantitative Data**  
Students identify and distinguish between categorical and quantitative data.

**Unit 2 – Data Analysis Representation**  
Students analyze relationships among data and the associated representations.

2021		September				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	31	01 Unit 1 (8 45-min. class periods)	02	03 • Extend • Review • Assess • Reteach	04
05	06 Labor Day	07 Unit 2 (14 45-min. class periods)	08	09	10	11
12	13 Unit 2 (14 45-min. class periods)	14	15 • Extend • Review • Assess • Reteach	16 Fall Holiday	17 Teacher Service Day (no students)	18
19	20 Unit 2 (14 45-min. class periods)	21	22	23	24 • Extend • Review • Assess • Reteach	25
26	27 Unit 2 (14 45-min. class periods)	28	29	30	01	02
03	04	<b>Notes:</b> Sept. 6 - Labor Day Sept. 16 - Fall Holiday Sept. 17 - Teacher Service Day (no students)				

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#### Units of Instruction

##### Unit 3 – Line of Best Fit

Students identify, compare, and interpret the reasonableness of attributes of lines of best fit within the context.

2021		October				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26	27	28	29	30	01 • Extend • Review • Assess • Reteach	02 <b>END OF CYCLE 1</b>
03	04 Teacher Service Day (no students)	05 Unit 3 (19 45-min. class periods)	06	07	08 • Extend • Review • Assess • Reteach	09
10	11 Unit 3 (19 45-min. class periods)	12	13	14	15 • Extend • Review • Assess • Reteach	16
17	18 Unit 3 (19 45-min. class periods)	19	20	21	22 • Extend • Review • Assess • Reteach	23
24	25 Unit 3 (19 45-min. class periods)	26	27	28	29 • Extend • Review • Assess • Reteach	30
31	01	<b>Notes:</b> Oct. 4 - Teacher Service Day (no students)				

## Mathematics – Statistics

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#### Units of Instruction

##### Unit 3 – Line of Best Fit

Students identify, compare, and interpret the reasonableness of attributes of lines of best fit within the context.

##### Unit 4 – Probability (from Tables)

Students calculate probabilities based on data from tables.

2021	November					
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
31	01 Unit 3 (19 45-min. class periods)	02	03	04	05 • Extend • Review • Assess • Reteach	06
07	08 Unit 4 (10 45-min. class periods)	09	10	11	12 • Extend • Review • Assess • Reteach	13 <b>END OF CYCLE 2</b>
14	15 Unit 4 (10 45-min. class periods)	16	17	18	19 • Extend • Review • Assess • Reteach	20
21	22	23	24	25	26	27
	Thanksgiving					
28	29 Unit 4 (10 45-min. class periods)	30	01	02	03	04
05	06	<b>Notes:</b> Nov. 22-26 - Thanksgiving Break				

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#### Units of Instruction

**Unit 5 – Probability (from Normal Model)**  
 Students calculate probabilities based on data within a normal model.

2021		December				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
28	29	30	01 • Extend • Review • Assess • Reteach	02 Unit 5 (14 45-min. class periods)	03	04
05	06 Unit 5 (14 45-min. class periods)	07	08	09	10 • Extend • Review • Assess • Reteach	11
12	13 Unit 5 (14 45-min. class periods)	14	15	16	17 • Extend • Review • Assess • Reteach	18
19	20 Enrichment Opportunities	21	22	23	24 Winter Break	25
26	27	28	29	30	31 Winter Break	01
02	03	<b>Notes:</b> Dec. 20-31 - Winter Break				

## Mathematics – Statistics





### 2021-2022 Pacing Calendar

#### Units of Instruction

**Unit 5 – Probability (from Normal Model)**  
Students calculate probabilities based on data within a normal model.

**Unit 6 – Experimental Design**  
Students explore experimental design based on the use of statistical modeling.

**Unit 7 – Confidence Intervals (1-proportion)**  
Students interpret and determine confidence intervals for one proportion data.

2022		January				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26	27	28	29	30	31	01
02	03 Unit 5 (14 45-min. class periods)	04	05	06	07 • Extend • Review • Assess • Reteach	08
09	10 • Extend • Review • Assess • Reteach	11 	12 	13 	14 	15 <b>END OF CYCLE 3</b>
16	17 Martin Luther King, Jr. Day	18 Teacher Prep Day (no students)	19 Unit 6 (7 45-min. class periods)	20	21	22
23	24 Unit 6 (7 45-min. class periods)	25	26	27	28 • Extend • Review • Assess • Reteach	29
30	31 Unit 7 (8 45-min. class periods)	<b>Notes:</b> Jan. 17 - Martin Luther King, Jr. Day Jan. 18 - Teacher Preparation Day (no students)				

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#### Units of Instruction

##### Unit 7 – Confidence Intervals (1-proportion)

Students interpret and determine confidence intervals for one proportion data.

##### Unit 8 – Confidence Intervals (2-proportion)

Students interpret and determine confidence intervals for two proportions data.

##### Unit 9 – Confidence Intervals (1-Sample Mean and Difference between Means)

Students explore confidence intervals with a sample mean and using the difference between means.

2022		February				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
30	31	01 Unit 7 (8 45-min. class periods)	02	03	04 • Extend • Review • Assess • Reteach	05
06	07 Unit 7 (8 45-min. class periods)	08	09	10	11 • Extend • Review • Assess • Reteach	12
13	14 Unit 8 (8 45-min. class periods)	15	16	17	18	19
20	21 Teacher Service Day (no students)	22 Unit 8 (8 45-min. class periods)	23	24	25 • Extend • Review • Assess • Reteach	26 END OF CYCLE 4
27	28 Unit 9 (16 45-min. class periods)	01	02	03	04	05
06	07	<b>Notes:</b> Feb. 21 - Teacher Service Day (no students)				

## Mathematics – Statistics

### 2021-2022 Pacing Calendar

#### Units of Instruction

**Unit 9 – Confidence Interval (1-Sample Mean and Difference between Means)**  
 Students explore confidence intervals with a sample mean and using the difference between means.

2022		March				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
27	28	01 Unit 9 (16 45-min. class periods)	02	03	04 • Extend • Review • Assess • Reteach	05
06	07 Unit 9 (16 45-min. class periods)	08	09	10	11 • Extend • Review • Assess • Reteach	12
13	14	15	16	17	18	19
	Enrichment Opportunities			Spring Break		
20	21 Unit 9 (16 45-min. class periods)	22	23	24	25 • Extend • Review • Assess • Reteach	26
27	28 Chávez / Huerta Day	29 Unit 9 (16 45-min. class periods)	30	31	01	02
03	04	<b>Notes:</b> Mar. 14-18 - Spring Break Mar. 28 - César Chávez/Dolores Huerta Day				



## Mathematics – Statistics

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#### Units of Instruction

**Unit 10 – Hypothesis Test (Proportion)**  
Students interpret and conduct hypothesis testing using p-values.

**Unit 11 – Hypothesis Test (1-Proportion, 2-Proportion)**  
Students conduct hypothesis testing for one and two proportions.

2022		April				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
27	28	29	30	31	01 Unit 9 (16 45-min. class periods)	02
03	04 • Extend • Review • Assess • Reteach	05	06 Unit 10 (8 45-min. class periods)	07	08	09
10	11 Unit 10 (8 45-min. class periods)	12	13	14 • Extend • Review • Assess • Reteach	15 Spring Holiday	16
17	18 Unit 10 (8 45-min. class periods)	19	20 • Extend • Review • Assess • Reteach	21 Unit 11 (8 45-min. class periods)	22	23 END OF CYCLE 5
24	25 Unit 11 (8 45-min. class periods)	26	27	28	29 • Extend • Review • Assess • Reteach	30
01	02	<b>Notes:</b> Apr. 15 - Spring Holiday				

## Mathematics – Statistics

### 2021-2022 Pacing Calendar

#### Units of Instruction

**Unit 11 – Hypothesis Test (1-Proportion, 2-Proportion)**

Students conduct hypothesis testing for one and two proportions.

**Unit 12 – Hypothesis Test (Mean and Difference between Means)**

Students conduct hypothesis testing using mean and the difference between means.

2022		May				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
01	02 Unit 11 (8 45-min. class periods)	03	04 • Extend • Review • Assess • Reteach	05 Unit 12 (16 45-min. class periods)	06	07
08	09 Unit 12 (16 45-min. class periods)	10	11	12	13	14
15	16 Unit 12 (16 45-min. class periods)	17	18	19	20	21
22	23 Unit 12 (16 45-min. class periods)	24	25	26	27 • Extend • Review • Assess • Reteach	28
29	30 Memorial Day	31 • Extend • Review • Assess • Reteach	01	02	03	04
05	06	Notes: May 30 - Memorial Day				

**Mathematics – Statistics**

**2021-2022  
Pacing Calendar  
Units of Instruction**

2022		June				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	31	01 • Extend • Review • Assess • Reteach	02 	03 	04
05	06 	07 	08 Teacher Prep Day (no students) END OF CYCLE 6	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	<b>Notes:</b> Jun. 8 - Teacher Preparation Day (no students)				