

Please Note:

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Publisher Resource:

[The Practice of Statistics](#) – Fifth Edition – W.H. Freeman & Company
(Starnes, Tabor, Yates and Moore)
[Student Resources](#)

Other Course Supplemental Resources:

[College Board](#)
[Khan Academy](#) – AP Statistics (in development)

Exam Practice:

[Released AP Exams – AP Central](#)

[AP Statistics Practice Questions - Learnerator](#)

[AP Statistics Practice Test](#)

[AP Statistics Exam Practice - CollegeBoard](#)

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Advanced Placement Statistics

2020-2021

	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 9	1 8/10 – 8/14	- Chapter 1 – Lesson 1.1 – Analyzing Categorical Data - Lesson 1.2 – Displaying Quantitative Data with Graphs - Lesson 1.3 – Describing Quantitative Data with Number	Chapter 1 - Exploring Data (notes)
	2 8/17 – 8/21	- Chapter 1 – Lesson 1.3 – Describing Quantitative Data with Numbers - Assessment on Chapter 1	Chapter 1 - Exploring Data (notes)
	3 8/24 – 8/28	- Chapter 2 – Lesson 2.1 – Describing Location in a Distribution - Lesson 2.2 – Density Curves and Normal Distribution	Chapter 2 - Modeling Distributions of Data (notes)
	4 8/31 – 9/4	- Assessment on Chapter 2 - Chapter 3 – Lesson 3.1 – Scatterplots and Correlation	Chapter 2 - Modeling Distributions of Data (notes) Chapter 3 - Describing Relationships (notes)
	5 9/7 – 9/11	- Labor Day Holiday – 9/7 - Chapter 3 – Lesson 3.1 – Scatterplots and Correlation - Lesson 3.2 – Least-Squares Regression	Chapter 3 - Describing Relationships (notes)
	6 9/14 – 9/18	- Chapter 3 – Lesson 3.2 – Least-Squares Regression - Assessment on Chapter 3 - Chapter 4 – Lesson 4.1 – Sampling and Surveys	Chapter 3 - Describing Relationships (notes) Chapter 4 - Designing Studies (notes)
	7 9/21 – 9/25	- Chapter 4 – Lesson 4.1 – Sampling and Surveys - Lesson 4.2 - Experiments	Chapter 4 - Designing Studies (notes)
	8 9/28 – 10/2	- Chapter 4 – Lesson 4.2 – Experiments - Lesson 4.3 – Using Studies Wisely	Chapter 4 - Designing Studies (notes)
	9 10/5 – 10/9	- Assessment on Chapter 4 - Chapter 5 – Lesson 5.1 – Randomness, Probability, and Simulation	Chapter 4 - Designing Studies (notes) Chapter 5 - Probability: What are the Chances (notes)

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Quarter 2 Oct 12 – Dec 18	1 10/12 – 10/16	- Teacher Planning Day 10/12 - PSAT 10/14 - Chapter 5 – Lesson 5.2 – Probability Rules	Chapter 5 - Probability: What are the Chances (notes)
	2 10/19 – 10/23	Chapter 5 – Lesson 5.3 – Conditional Probability	Chapter 5 - Probability: What are the Chances (notes)
	3 10/26 – 10/30	- Assessment on Chapter 5 - Chapter 6 – Lesson 6.1 – Discrete and Continuous Random Variables - Lesson 6.2 – Transforming and Combining Random Variables	Chapter 5 - Probability: What are the Chances (notes) Chapter 6 - Discrete, Binomial & Geometric Random Variables (notes)
	4 11/2 – 11/6	- Chapter 6 – Lesson 6.2 – Transforming and Combining Random Variables - Lesson 6.3 – Binomial Geometric Random Variables	Chapter 6 - Discrete, Binomial & Geometric Random Variables (notes)
	5 11/9 – 11/13	- Veterans Day 11/11 - Assessment on Chapter 6 - Chapter 7 – Lesson 7.1 – What is a Sampling Distribution?	Chapter 6 - Discrete, Binomial & Geometric Random Variables (notes) Chapter 7 - Sampling Distributions (notes)
	6 11/16 – 11/20	Chapter 7 – Lesson 7.1 – What is a Sampling Distribution?	Chapter 7 - Sampling Distributions (notes)
	7 11/23 – 11/24	- Chapter 7 – Lesson 7.2 – Sample Proportions - Lesson 7.3 – Sample Means - Thanksgiving Holiday 11/25 - 11/27	Chapter 7 - Sampling Distributions (notes)
	8 11/30 – 12/4	- Assessment Chapter 7 - Chapter 8 – Lesson 8.1 – Confidence Intervals: The Basics	Chapter 7 - Sampling Distributions (notes) Chapter 8 - Estimating with Confidence (notes)
	9 12/7 – 12/11	- Chapter 8 – Lesson 8.2 – Estimating a Population Proportion - Semester Review	Chapter 8 - Estimating with Confidence (notes)
	10 12/14 – 12/18	Exams	

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	Week	Major Concepts / Topics	Possible Resources
Quarter 3 Jan 5 – Mar 11	1 1/5– 1/8	Chapter 8 – Lesson 8.3 – Estimating a Population Mean	Chapter 8 - Estimating with Confidence (notes)
	2 1/11 – 1/15	- Assessment on Chapter 8 - Chapter 9 – Lesson 9.1 – Significance Tests: The Basics - Lesson 9.2 – Tests about a Population Proportion	Chapter 8 - Estimating with Confidence (notes) Chapter 9 - Testing a Claim (notes)
	3 1/18 – 1/22	- Martin Luther King Jr. Holiday 1/18 - Chapter 9 – Lesson 9.3 – Tests about a Population Mean	Chapter 9 - Testing a Claim (notes)
	4 1/25 – 1/29	- Assessment on Chapter 9 - Chapter 10 – Lesson 10.1 – Comparing Two Proportion - Teacher Inservice 1/29	Chapter 9 - Testing a Claim (notes) Chapter 10 - Comparing Two Population Parameters (notes)
	5 2/1 – 2/5	- Chapter 10 – Lesson 10.1 – Comparing Two Proportion - Lesson 10.2 – Comparing Two Means	Chapter 10 - Comparing Two Population Parameters (notes)
	6 2/8 – 2/12	Assessment Chapter 10	Chapter 10 - Comparing Two Population Parameters (notes)
	7 2/15 – 2/19	- Presidents Day Holiday 2/15 - Chapter 11 – Lesson 11.1 – Chi-Square Tests for Goodness of Fit - Lesson 11.2 – Inference for Two-Way Tables	Chapter 11 - Inference for Distributions of Categorical Data (notes)
	8 2/22 – 2/26	Chapter 11 – Lesson 11.2 – Inference for Two-Way Tables	Chapter 11 - Inference for Distributions of Categorical Data (notes)
	9 3/1 – 3/5	- Assessment on Chapter 11 - Chapter 12 – Lesson 12.1 – Inference for Linear Regression	Chapter 11 - Inference for Distributions of Categorical Data (notes) Chapter 12 - More about Regression (notes)
	10 3/8 – 3/11	Chapter 12 - Lesson 12.1 – Inference for Linear Regression	Chapter 12 - More about Regression (notes)

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Quarter 4 Mar 15 – May 25	Week	Major Concepts / Topics	Possible Resources
	1 3/15 – 3/19	SPRING BREAK – NO SCHOOL	
	2 3/22 – 3/26	Chapter 12 – Lesson 12.2 – transforming to Achieve Linearity	Chapter 12 - More about Regression (notes)
	3 3/29 – 4/2	- Assessment Chapter 12 - Holiday 4/2	Chapter 12 - More about Regression (notes) Khan Academy – AP Statistics
	4 4/5 – 4/9	Review for AP Exam	Khan Academy – AP Statistics
	5 4/12 – 4/16	Review for AP Exam	Khan Academy – AP Statistics
	6 4/19 – 4/23	Review for AP Exam	Khan Academy – AP Statistics
	7 4/26 – 4/30	Review for AP Exam	Khan Academy – AP Statistics
	8 5/3 – 5/7	Review for AP Exam	Khan Academy – AP Statistics
	9 5/10 – 5/14	- Review for AP Exam AP Exam Thursday, May 13, 2021 12:00 noon	Khan Academy – AP Statistics
	10 5/17 – 5/21	Project	
	11 5/24 – 5/25		

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