Please Note:

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Primary Course Resource:

College Board

Publisher Resource:

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

Course Supplemental Resources – by standard and Topic:

Study Island
        Login: 55s(student #)
        Password: first initial first name + first initial last name + mmddyyyy of birth

Exam Practice:

Released AP Exams – AP Central

AP Statistics Practice Questions - Learnerator

AP Statistics Practice Test

AP Statistics Exam Practice - CollegeBoard

AP Statistics   2016 – 2017

	Week	Major Concepts / Topics	Possible Resources
Quarter 1 Aug 10 – Oct 16 (49 days)	1	Chapter 1 – Lesson 1.1 – Analyzing Categorical Data and Lesson 1.2 – Displaying Quantitative Data with Graphs	Chapter 1 - online tutorials and quizzes
	2	Chapter 1 – Lesson 1.3 – Describing Quantitative Data with Numbers and Assessment on Chapter 1	
	3	Chapter 2 – Lesson 2.1 – Describing Location in a Distribution and Lesson 2.2 – Density Curves and Normal Distribution	Chapter 2 - online tutorials and quizzes
	4	Assessment on Chapter 2 and Chapter 3 – Lesson 3.1 – Scatterplots and Correlation	Chapter 3 - online tutorials and quizzes
	5	Chapter 3 – Lesson 3.2 – Least-Squares Regression	
	6	Chapter 3 – Lesson 3.2 – Least-Squares Regression, Assessment on Chapter 3 and Chapter 4 – Lesson 4.1 – Sampling and Surveys	
	7	Chapter 4 – Lesson 4.1 – Sampling and Surveys and Lesson 4.2 - Experiments	Chapter 4 - online tutorials and quizzes
	8	Chapter 4 – Lesson 4.2 – Experiments and Lesson 4.3 – Using Studies Wisely	
	9	Assessment on Chapter 4 and Chapter 5 – Lesson 5.1 – Randomness, Probability, and Simulation	
	10	Chapter 5 – Lesson 5.2 – Probability Rules and Lesson 5.3 – Conditional Probability and Independence	Chapter 5 - online tutorials and quizzes

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	Week	Major Concepts / Topics	Possible Resources
Quarter 2 Oct 19 – Dec 18 (41 days)	1	Chapter 5 – Lesson 5.3 – Conditional Probability	
	2	Assessment on Chapter 5, Chapter 6 – Lesson 6.1 – Discrete and Continuous Random Variables and Lesson 6.2 – Transforming and Combining Random Variables	Chapter 6 - online tutorials and quizzes
	3	Chapter 6 – Lesson 6.2 – Transforming and Combining Random Variables and Lesson 6.3 – Binomial Geometric Random Variables	
	4	Assessment on Chapter 6	
	5	Chapter 7 – Lesson 7.1 – What is a Sampling Distribution?, Lesson 7.2 – Sample Proportions and Lesson 7.3 – Sample Means	Chapter 7 - online tutorials and quizzes
	6	Chapter 7 – Lesson 7.3 – Sample Means	
	7	Assessment Chapter 7 and Chapter 8 – Lesson 8.1 – Confidence Intervals: The Basics	
	8	Chapter 8 – Lesson 8.1 – Confidence Intervals: the Basics and Lesson 8.2 – Estimating a Population Proportion	Chapter 8 - online tutorials and quizzes
	9	Exams	

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AP Statistics   2016 – 2017

	Week	Major Concepts / Topics	Possible Resources
Quarter 3 Jan 5 – Mar 18 (48 days)	1	Chapter 8 – Lesson 8.3 – Estimating a Population Mean	
	2	Assessment on Chapter 8 and Chapter 9 – Lesson 9.1 – Significance Tests: The Basics	[Chapter 9 - online tutorials and quizzes](#)
	3	Chapter 9 – Lesson 9.2 – Tests about a Population Proportion and Lesson 9.3 – Tests about a Population Mean	
	4	Chapter 9 – Lesson 9.3 – Tests about a Population Mean and Assessment on Chapter 9	
	5	Chapter 10 – Lesson 10.1 – Comparing Two Proportions	[Chapter 10 - online tutorials and quizzes](#)
	6	Chapter 10 – Lesson 10.2 – Comparing Two Means	
	7	Assessment Chapter 10 and Chapter 11 – Lesson 11.1 – Chi-Square Tests for Goodness	
	8	Chapter 11 – Lesson 11.1 – Chi-Square Tests for Goodness of Fit and Lesson 11.2 – Inference for Two-Way Tables	[Chapter 11 - online tutorials and quizzes](#)
	9	Chapter 11 – Lesson 11.2 – Inference for Two-Way Tables	
	10	Assessment on Chapter 11 and Chapter 12 – Lesson 12.1 – Inference for Linear Regression	
	11	Chapter 12 - Lesson 12.1 – Inference for Linear Regression	[Chapter 12 - online tutorials and quizzes](#)

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	Week	Major Concepts / Topics	Possible Resources
Quarter 4 Mar 29 – May 26 (42 days)	1	Chapter 12 – Lesson 12.2 – transforming to Achieve Linearity	
	2	Assessment Chapter 12	
	3	Review for AP Exam	
	4	Review for AP Exam	
	5	Review for AP Exam	
	6	Review for AP Exam	
	7	Thursday, May 12 - AP Exam	
	8	Projects	
	9	Exams	

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