Unit	AP Exam Weighting	College Board AP Standard	Standard Description
Unit 1: Exploring One-Variable Data	15-23% High		Data Analysis
	10 2070 Tilgii		The Language of Variation: Variables
			Representing a Categorical Variable with Tables
			Representing a Categorical Variable with Graphs
			Representing a Quantitative Variable with Graphs
			Describing the Distribution of a Quantitative Variable
			Summary Statistics for a Quantitative Variable
			Graphical Representations of Summary Statistics
			Comparing Distributions of a Quantitative Variable
			The Normal Distribution
Unit 2: Exploring Two-Variable Data	5-7% Low	2.1	Variables and Their Relations
			Representing Two Categorial Variables
			Statistics for Two Categorical Variables
			Representing the Relationship Between Two Quantitative Variables
			Correlation
		2.6	Linear Regression Models
		2.7	Residuals
		2.8	Least Squares Regression
		2.9	Analyzing Departures from Linearity
Unit 3: Collecting Data	12-15% High		Collecting Data
	3		Planning a Study
			Random Sampling and Data Collection
			Potential Problems with Sampling
			Experimental Design
Quarter 2			Selecting an Experimental Design
			Inference and Experiments
		3.7	
Init 4: Probability, Random Variables, and Probability Distribu	utions 10-20% Medium	4.4	Random and Non-Random Patterns
Unit 4: Probability, Random Variables, and Probability Distribut	10-20 /6 Wediciff		
			Estimating Probabilities Using Simulation Probability
			Probability Mutually Exclusive Events
			Conditional Probability
			Independent Events and Unions of Events
			Random Variables and Probability Distributions
			Mean and Standard Deviation of Random Variables
			Combining Random Variables
			Binomial Distribution
			Parameters for a Binomial Distribution
			The Geometric Distribution
Unit 5: Sampling Distributions	7-12% Medium		Sampling Variability
			The Normal Distribution
			The Central Limit Theorem
			Biased and Unbiased Point Estimates
		5.5	Sampling Distributions for Sample Proportions
		5.6	Sampling Distributions for Differences in Sample Proportions
			Sampling Distributions for Sample Means
		5.8	Sampling Distributions for Differences in Sample Means
Quarter 3			
Init 6: Inference for Categorical Data: Proportions	12-15% High	6.1	Normal Distributions
		6.2	Confidence Interval for a Population Proportion
		6.3	Justifying Claims Based on Confidence Interval of a Population Proportion
		6.4	Setting Up a Test for a Population Proportion
			Interpreting P-Values
		6.6	Concluding a Test for a Population Proportion
			Concluding a Test for a Population Proportion Potential Errors When Performing Tests
		6.7	
		6.7 6.8	Potential Errors When Performing Tests
		6.7 6.8 6.9	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions
		6.7 6.8 6.9 6.1	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions
init 7: Inference for Quantitative Data: Means	10-18% High	6.7 6.8 6.9 6.11	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions
init 7: Inference for Quantitative Data: Means	10-18% High	6.7 6.6 6.5 6.11 7.1	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions
init 7: Inference for Quantitative Data: Means	10-18% High	6.7 6.8 6.9 6.11 7.1 7.2	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean
init 7: Inference for Quantitative Data: Means	10-18% High	6.7 6.8 6.1 6.1 7.1 7.2 7.3	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval
Unit 7: Inference for Quantitative Data: Means	10-18% High	6.7 6.8 6.1 6.11 7.1 7.2 7.3	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean
init 7: Inference for Quantitative Data: Means	10-18% High	6.7 6.8 6.5 6.11 7.7 7.2 7.3 7.4	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean
init 7: Inference for Quantitative Data: Means	10-18% High	6.7 6.8 6.9 6.11 7.1 7.2 7.3 7.4 7.8	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean
init 7: Inference for Quantitative Data: Means	10-18% High	6.7 6.8 6.9 6.11 7.1 7.2 7.3 7.4 7.5 7.6	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean Confidence Intervals for the Difference of Two Means Justifying a Claim About the Difference of Two Means Based on a Confidence Interval
init 7: Inference for Quantitative Data: Means	10-18% High	6.7 6.8 6.9 6.11 7.7 7.2 7.3 7.4 7.5 7.6 7.7	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean Confidence Intervals for the Difference of Two Means Justifying a Claim About the Difference of Two Means Setting Up a Test for the Difference of Two Means
nit 7: Inference for Quantitative Data: Means	10-18% High	6.7 6.8 6.1 6.1 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean Confidence Intervals for the Difference of Two Means Justifying a Claim About the Difference of Two Means Setting Up a Test for the Difference of Two Population Means Carrying Out a Test for the Difference of Two Population Means
	10-18% High	6.7 6.8 6.1 6.1 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean Confidence Intervals for the Difference of Two Means Justifying a Claim About the Difference of Two Means Based on a Confidence Interval Setting Up a Test for the Difference of Two Means
Quarter 4		6.7 6.8 6.9 6.1 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.7 7.7 7.7 7.8	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean Confidence Intervals for the Difference of Two Means Justifying a Claim About the Difference of Two Means Setting Up a Test for the Difference of Two Population Means Setting Up a Test for the Difference of Two Population Means Selecting, Implementing, and Communicating Inference Procedures
Quarter 4	10-18% High	6.7 6.8 6.9 6.1 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.5 7.7 7.8	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean Confidence Intervals for the Difference of Two Means Justifying a Claim About the Difference of Two Means Susting up a Test for the Difference of Two Means Setting Up a Test for the Difference of Two Population Means Carrying Out a Test for the Difference of Two Population Means Selecting, Implementing, and Communicating Inference Procedures Unexpected Data Results
Quarter 4		6.7 6.8 6.9 6.1 7.1 7.2 7.3 7.4 7.5 7.5 7.7 7.6 7.7	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean Currying Out a Test for a Population Mean Sutifying a Claim About the Difference of Two Means Justifying a Claim About the Difference of Two Means Setting Up a Test for the Difference of Two Population Means Carrying Out a Test for the Difference of Two Population Means Carrying Out a Test for the Difference of Two Population Means Selecting, Implementing, and Communicating Inference Procedures Unexpected Data Results Setting Up a Chi-Square Goodness of Fit Test
Quarter 4		6.7 6.8 6.9 6.1 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.7 7.8 7.9 7.1	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carnying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean Confidence Intervals for the Difference of Two Means Justifying a Claim About the Difference of Two Means Setting Up a Test for the Difference of Two Population Means Carrying Out a Test for the Difference of Two Population Means Setting Up a Test for the Difference of Two Population Means Selecting, Implementing, and Communicating Inference Procedures Unexpected Data Results Setting Up a Chi-Square Goodness of Fit Test Carrying Out a Chi-Square Test for Goodness of Fit
Quarter 4		6.7 6.8 6.9 6.1 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 7.9 7.9 7.1	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean Confidence Intervals for the Difference of Two Means Justifying a Claim About the Difference of Two Means Setting Up a Test for the Difference of Two Population Means Selecting, Un a Test for the Difference of Two Population Means Selecting, Implementing, and Communicating Inference Procedures Unexpected Data Results Setting Up a Chi-Square Goodness of Fit Test Carrying Out a Chi-Square Test for Goodness of Fit Expected Counts in Two-Way Tables
Quarter 4		6.7 6.8 6.9 6.1 7.1 7.2 7.3 7.4 7.5 7.5 7.7 7.8 7.5 7.1 8.1 8.2 8.3	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean Confidence Intervals for the Difference of Two Means Justifying a Claim About the Difference of Two Means Setting Up a Test for the Difference of Two Population Means Carrying Out a Test for the Difference of Two Population Means Carrying Out a Test for the Difference of Two Population Means Carrying Out a Test for the Difference of Two Population Means Selecting, Implementing, and Communicating Inference Procedures Unexpected Data Results Setting Up a Chi-Square Goodness of Fit Test Carrying Out a Chi-Square Test for Homogeneity or Independence
Quarter 4		6.7 6.8 6.6 6.1 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.6 7.7 7.8 7.9 7.1 8.1 8.2 8.3	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean Confidence Intervals for the Difference of Two Means Justifying a Claim About the Difference of Two Means Setting Up a Test for the Difference of Two Population Means Carrying Out a Test for the Difference of Two Population Means Selecting Up a Test for the Difference of Two Population Means Selecting Up a Test for the Difference of Two Population Means Selecting Up a Test for the Difference of Two Population Means Selecting Up a Chi-Square Goodness of Fit Test Carrying Out a Chi-Square Test for Goodness of Fit Expected Counts in Two-Way Tables Setting Up a Chi-Square Test for Homogeneity or Independence Carrying Out a Chi-Square Test for Homogeneity or Independence
Quarter 4 Init 8: Inference for Categorical Data: Chi-Square	2-5% Low	6.7 6.8 6.5 6.1 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.5 7.1 8.1 8.2 8.3 8.4 8.6	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean Confidence Intervals for the Difference of Two Means Justifying a Claim About the Difference of Two Means Setting Up a Test for the Difference of Two Population Means Setting Up a Test for the Difference of Two Population Means Selecting, Implementing, and Communicating Inference Procedures Unexpected Data Results Setting Up a Chi-Square Goodness of Fit Test Carrying Out a Chi-Square Test for Goodness of Fit Expected Counts in Two-Way Tables Setting Up a Chi-Square Test for Homogeneity or Independence Carrying Out a Chi-Square Test for Homogeneity or Independence Selecting un Appropriate Inference Procedure for Categorical Data
Quarter 4 Init 8: Inference for Categorical Data: Chi-Square		6.7 6.8 6.9 6.1 7.1 7.2 7.3 7.4 7.5 7.5 7.7 7.8 7.5 8.1 8.2 8.3 8.4 8.6 8.7	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean Carrying Out a Test for a Population Mean Sutifying a Claim About the Difference of Two Means Justifying a Claim About the Difference of Two Means Setting Up a Test for the Difference of Two Population Means Carrying Out a Test for the Difference of Two Population Means Carrying Out a Test for the Difference of Two Population Means Selecting, Implementing, and Communicating Inference Procedures Unexpected Data Results Setting Up a Chi-Square Goodness of Fit Test Carrying Out a Chi-Square Test for Goodness of Fit Expected Counts in Two-Way Tables Setting Up a Chi-Square Test for Homogeneity or Independence Carrying Out a Chi-Square Test for Homogeneity or Independence Selecting an Appropriate Inference Procedure for Categorical Data Alignment of Data Points
Quarter 4 Unit 8: Inference for Categorical Data: Chi-Square	2-5% Low	6.7 6.8 6.6 6.1 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.6 7.1 8.1 8.2 8.3 8.4 8.6 8.7 9.9	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean Confidence Intervals for the Difference of Two Means Justifying a Claim About the Difference of Two Means Setting Up a Test for the Difference of Two Means Carrying Out a Test for the Difference of Two Population Means Carrying Out a Test for the Difference of Two Population Means Selecting, Implementing, and Communicating Inference Procedures Unexpected Data Results Setting Up a Chi-Square Goodness of Fit Test Carrying Out a Chi-Square Test for Goodness of Fit Expected Counts in Two-Way Tables Setting Up a Chi-Square Test for Homogeneity or Independence Carrying Out a Chi-Square Test for Homogeneity or Independence Selecting an Appropriate Inference Procedure for Categorical Data Alignment of Data Points Confidence Intervals for the Slope of a Regression Model
Unit 7: Inference for Quantitative Data: Means Quarter 4 Unit 8: Inference for Categorical Data: Chi-Square Unit 9: Inference for Quantitative Data: Slopes	2-5% Low	6.7 6.8 6.6 6.1 7.1 7.2 7.3 7.4 7.5 7.6 7.3 7.8 7.9 7.1 8.1 8.2 8.3 8.4 8.5 8.6 8.6 8.7 9.9 9.9	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Carrying Out a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean Setting Up a Test for the Difference of Two Means Justifying a Claim About the Difference of Two Means Setting Up a Test for the Difference of Two Population Means Selecting, Implementing, and Communicating Inference Procedures Unexpected Data Results Setting Up a Chi-Square Goodness of Fit Test Carrying Out a Chi-Square Test for Goodness of Fit Expected Counts in Two-Way Tables Setting Up a Chi-Square Test for Homogeneity or Independence Serving Out a Chi-Square Test for Homogeneity or Independence Selecting an Appropriate Inference Procedure for Categorical Data Alignment of Data Points Confidence Intervals for the Slope of a Regression Model Justifying a Claim About the Slope of a Regression Model Justifying a Claim About the Slope of a Regression Model Based on a Confidence Intervals
Quarter 4 Unit 8: Inference for Categorical Data: Chi-Square	2-5% Low	6.7 6.8 6.9 6.1 7.1 7.2 7.3 7.4 7.5 7.5 7.5 7.5 8.1 8.2 8.3 8.4 8.5 8.6 8.7 9.9	Potential Errors When Performing Tests Confidence Intervals for the Difference of Two Proportions Justifying Claims Based on Confidence Interval for Difference of Population Proportions Setting Up a Test for the Difference of Two Population Proportions Error Calculations Constructing a Confidence Interval for a Population Proportions Error Calculations Constructing a Confidence Interval for a Population Mean Justifying a Claim About a Population Mean Based on a Confidence Interval Setting Up a Test for a Population Mean Carrying Out a Test for a Population Mean Confidence Intervals for the Difference of Two Means Justifying a Claim About the Difference of Two Means Setting Up a Test for the Difference of Two Means Carrying Out a Test for the Difference of Two Population Means Carrying Out a Test for the Difference of Two Population Means Selecting, Implementing, and Communicating Inference Procedures Unexpected Data Results Setting Up a Chi-Square Goodness of Fit Test Carrying Out a Chi-Square Test for Goodness of Fit Expected Counts in Two-Way Tables Setting Up a Chi-Square Test for Homogeneity or Independence Carrying Out a Chi-Square Test for Homogeneity or Independence Selecting an Appropriate Inference Procedure for Categorical Data Alignment of Data Points Confidence Intervals for the Slope of a Regression Model