**AP Statistics Comprehensive Curriculum Guide 2025-2026**

**Revised Course Framework Implementation**

**School:** Doral Academy  
**Teacher:** Mrs. Zogovic

This curriculum aligns with the **2025 College Board AP Statistics Revised Course Framework**, implementing the new unit structure and statistical practices while maintaining comprehensive resource integration.

**AP STATISTICS STATISTICAL PRACTICES FRAMEWORK**

The 2025 framework emphasizes four core Statistical Practices that are integrated throughout all units:

**Practice 1: Formulate Questions**

**Determine an investigative question for a statistical study.**

* 1.A: Determine a valid investigative question that requires a statistical investigation

**Practice 2: Collect Data**

**Identify and justify methods for collecting data and conducting statistical inference.**

* 2.A: Identify information to answer a question or solve a problem
* 2.B: Justify an appropriate method for ethically gathering and representing data
* 2.C: Identify appropriate statistical inference methods
* 2.D: Identify types of errors and relationships among components in statistical inference methods
* 2.E: Identify the null and alternative hypotheses

**Practice 3: Analyze Data**

**Construct representations of data and calculate numerical statistical outputs.**

* 3.A: Construct tabular and graphical representations of data and distributions
* 3.B: Calculate summary statistics, relative positions of points within a distribution, and predicted responses
* 3.C: Calculate and estimate expected counts, percentages, probabilities, and intervals
* 3.D: Calculate means, standard deviations, and parameters for probability distributions
* 3.E: Calculate appropriate statistical inference method results

**Practice 4: Interpret Results**

**Interpret results and justify conclusions and methods.**

* 4.A: Describe and compare tabular and graphical representations of data
* 4.B: Justify a claim based on statistical calculations and results
* 4.C: Describe distributions and compare relative positions of points within a distribution
* 4.D: Interpret statistical calculations and results to assess meaning or a claim
* 4.E: Justify the use of a chosen statistical inference method by verifying conditions
* 4.F: Interpret results of statistical inference methods
* 4.G: Justify a claim based on statistical inference method results

**COURSE UNITS ALIGNED TO 2025 FRAMEWORK**

**Unit 1: Exploring One-Variable Data and Collecting Data**

*Weeks 1-9 (Aug 14 - Oct 17)*

**Topics Covered:**

* 1.1: Introducing Statistics: What Can We Learn from Data?
* 1.2: Variables
* 1.3: Tabular Representation and Summary Statistics for One Categorical Variable
* 1.4: Graphical Representations for One Categorical Variable
* 1.5: Graphical Representations for One Quantitative Variable
* 1.6: Descriptions for One Quantitative Variable Distributions
* 1.7: Summary Statistics for One Quantitative Variable
* 1.8: Graphical Representations of Summary Statistics for One Quantitative Variable
* 1.9: Comparisons of the Distributions for One Quantitative Variable
* 1.10: The Investigative Question Revisited and Data Collection
* 1.11: Random Sampling
* 1.12: Potential Problems with Sampling
* 1.13: Experimental Design

**Key Statistical Practices Integration:**

* **Practice 1:** Formulating investigative questions for data collection
* **Practice 2:** Understanding sampling methods and experimental design
* **Practice 3:** Creating graphs and calculating summary statistics
* **Practice 4:** Interpreting distributions and justifying claims

**Essential Resources:**

* [Khan Academy: Analyzing Categorical Data](https://www.khanacademy.org/math/ap-statistics/analyzing-categorical-ap)
* [Khan Academy: Summarizing Quantitative Data](https://www.khanacademy.org/math/ap-statistics/summarizing-quantitative-data-ap)
* [Khan Academy: Study Design](https://www.khanacademy.org/math/ap-statistics/gathering-data-ap)
* [StatQuest: Descriptive Statistics](https://www.youtube.com/c/joshstarmer)
* [MathMedic: Unit 1 Concepts](https://www.mathmedic.com/ap-statistics.html)

**Unit 2: Probability, Random Variables, and Probability Distributions**

*Weeks 10-18 (Oct 20 - Jan 15)*

**Topics Covered:**

* 2.1: Tabular and Graphical Representations for the Distributions of Two Categorical Variables
* 2.2: Summary Statistics for Two Categorical Variables
* 2.3: Estimating Probabilities Using Simulation
* 2.4: Introduction to Probability
* 2.5: Mutually Exclusive Events
* 2.6: Conditional Probability
* 2.7: Independent Events and Unions of Events
* 2.8: Introduction to Random Variables and Probability Distributions
* 2.9: Parameters of Random Variables
* 2.10: The Binomial Distribution
* 2.11: The Normal Distribution
* 2.12: Sampling Distributions and the Central Limit Theorem

**Key Statistical Practices Integration:**

* **Practice 1:** Formulating questions about relationships between variables
* **Practice 2:** Understanding probability models and simulation methods
* **Practice 3:** Calculating probabilities and distribution parameters
* **Practice 4:** Interpreting probability results and distribution properties

**Essential Resources:**

* [Khan Academy: Probability](https://www.khanacademy.org/math/ap-statistics/probability-ap)
* [Khan Academy: Random Variables](https://www.khanacademy.org/math/ap-statistics/random-variables-ap)
* [Khan Academy: Sampling Distribution](https://www.khanacademy.org/math/ap-statistics/sampling-distribution-ap)
* [StatQuest: Probability and Distributions](https://www.youtube.com/c/joshstarmer)
* [Simulation Tools: StatKey](http://www.lock5stat.com/statkey/)

**Unit 3: Inference for Categorical Data: Proportions**

*Weeks 19-27 (Jan 20 - Apr 2)*

**Topics Covered:**

* 3.1: Estimators
* 3.2: Sampling Distributions for Sample Proportions
* 3.3: Constructing a Confidence Interval for a Population Proportion
* 3.4: Justifying a Claim Based on a Confidence Interval for a Population Proportion
* 3.5: Setting Up a Test for a Population Proportion
* 3.6: p-Values
* 3.7: Carrying Out a Test for a Population Proportion
* 3.8: Potential Errors When Performing Tests
* 3.9: Sampling Distributions for the Difference Between Sample Proportions
* 3.10: Constructing a Confidence Interval for the Difference Between Two Population Proportions
* 3.11: Justifying a Claim Based on a Confidence Interval for the Difference Between Two Population Proportions
* 3.12: Setting Up a Test for the Difference Between Two Population Proportions
* 3.13: Carrying Out a Test for the Difference Between Two Population Proportions
* 3.14: Setting Up a Chi-Square Test for Homogeneity or Independence
* 3.15: Carrying Out a Chi-Square Test for Homogeneity or Independence

**Key Statistical Practices Integration:**

* **Practice 2:** Selecting appropriate inference methods for proportions
* **Practice 3:** Calculating confidence intervals and test statistics
* **Practice 4:** Interpreting inference results and justifying conclusions

**Essential Resources:**

* [Khan Academy: Confidence Intervals](https://www.khanacademy.org/math/ap-statistics/estimating-confidence-ap)
* [Khan Academy: Significance Tests](https://www.khanacademy.org/math/ap-statistics/tests-significance-ap)
* [Khan Academy: Chi-Square Tests](https://www.khanacademy.org/math/ap-statistics/chi-square-tests)
* [StatQuest: Hypothesis Testing](https://www.youtube.com/c/joshstarmer)

**Unit 4: Inference for Quantitative Data: Means**

*Weeks 28-33 (Apr 6 - May 15)*

**Topics Covered:**

* 4.1: Sampling Distributions for Sample Means
* 4.2: Constructing a Confidence Interval for a Population Mean or Population Mean Difference
* 4.3: Justifying a Claim Based on a Confidence Interval for a Population Mean or Population Mean Difference
* 4.4: Setting Up a Test for a Population Mean or Population Mean Difference
* 4.5: Carrying Out a Test for a Population Mean or Population Mean Difference
* 4.6: Sampling Distributions for the Difference Between Two Sample Means
* 4.7: Constructing a Confidence Interval for the Difference Between Two Population Means
* 4.8: Justifying a Claim Based on a Confidence Interval for the Difference Between Two Population Means
* 4.9: Setting Up a Test for the Difference Between Two Population Means
* 4.10: Carrying Out a Test for the Difference Between Two Population Means

**Key Statistical Practices Integration:**

* **Practice 2:** Selecting t-procedures and verifying conditions
* **Practice 3:** Calculating t-statistics and confidence intervals
* **Practice 4:** Interpreting results for means and mean differences

**Essential Resources:**

* [Khan Academy: t-Distributions and Inference](https://www.khanacademy.org/math/ap-statistics)
* [StatQuest: t-tests and t-distributions](https://www.youtube.com/c/joshstarmer)
* [MathMedic: Inference for Means](https://www.mathmedic.com/ap-statistics.html)

**Unit 5: Regression Analysis**

*Weeks 34-36 (May 18 - Jun 5)*

**Topics Covered:**

* 5.1: Graphical Representations Between Two Quantitative Variables
* 5.2: Correlation
* 5.3: Linear Regression Models
* 5.4: Residuals
* 5.5: Least-Squares Regression

**Key Statistical Practices Integration:**

* **Practice 1:** Formulating questions about relationships between quantitative variables
* **Practice 3:** Constructing scatterplots and calculating regression statistics
* **Practice 4:** Interpreting correlation, regression coefficients, and residual analysis

**Essential Resources:**

* [Khan Academy: Bivariate Data](https://www.khanacademy.org/math/ap-statistics/bivariate-data-ap)
* [StatQuest: Linear Regression](https://www.youtube.com/c/joshstarmer)
* [Regression Analysis Tools](https://www.desmos.com/calculator)

**DETAILED QUARTERLY BREAKDOWN WITH DATES AND HOLIDAYS**

**Quarter 1: Aug 14 - Oct 17**

**Unit 1: Exploring One-Variable Data and Collecting Data**

| **Week** | **Dates** | **Major Concepts/Topics** | **Statistical Practices Focus** | **Holiday/Special Notes** | **Resources** |
| --- | --- | --- | --- | --- | --- |
| **1** | Aug 14-16 | **Introduction to Statistics & Variables** • Components of statistical studies • Types of variables | **Practice 1:** Formulating investigative questions | Short week - School starts | [Khan Academy: What is Statistics?](https://www.khanacademy.org/math/ap-statistics) |
| **2** | Aug 19-23 | **Categorical Data Analysis** • Frequency tables • Bar charts & pie charts | **Practice 3:** Constructing tabular/graphical representations |  | [Khan Academy: Categorical Data](https://www.khanacademy.org/math/ap-statistics/analyzing-categorical-ap) |
| **3** | Aug 26-30 | **Quantitative Data Graphs** • Histograms • Stem-and-leaf • Dotplots | **Practice 3:** Constructing quantitative displays |  | [StatQuest: Data Visualization](https://www.youtube.com/c/joshstarmer) |
| **4** | Sep 2-6 | **Describing Distributions** • Shape, center, variability • Outliers and unusual features | **Practice 4:** Describing and comparing distributions | **Labor Day - Sep 2** | [Khan Academy: Quantitative Data](https://www.khanacademy.org/math/ap-statistics/quantitative-data-ap) |
| **5** | Sep 9-13 | **Summary Statistics** • Mean, median, quartiles • Range, IQR, standard deviation | **Practice 3:** Calculating summary statistics |  | [StatQuest: Summary Statistics](https://www.youtube.com/c/joshstarmer) |
| **6** | Sep 16-20 | **Boxplots & Comparisons** • Five-number summary • Comparing distributions • z-scores | **Practice 4:** Comparing relative positions |  | [Khan Academy: Summary Statistics](https://www.khanacademy.org/math/ap-statistics/summarizing-quantitative-data-ap) |
| **7** | Sep 23-27 | **Study Design Basics** • Experiments vs observational studies • Sampling methods | **Practice 2:** Justifying data collection methods | **Teacher Planning Day - Sep 25** | [Khan Academy: Study Design](https://www.khanacademy.org/math/ap-statistics/gathering-data-ap) |
| **8** | Sep 30-Oct 4 | **Sampling Methods** • Simple random, stratified, cluster • Bias in sampling | **Practice 2:** Identifying appropriate sampling | **Teacher Planning Day - Oct 2** | [StatQuest: Sampling Methods](https://www.youtube.com/c/joshstarmer) |
| **9** | Oct 7-11 | **Experimental Design** • Control, randomization, replication • Assessment preparation | **Practice 2:** Designing experiments |  | [Khan Academy: Experiments](https://www.khanacademy.org/math/ap-statistics/gathering-data-ap) |
| **10** | Oct 14-17 | **Unit 1 Review & Assessment** | **All Practices:** Comprehensive integration | **Quarter 1 Ends Oct 17** | Comprehensive review materials |

**Quarter 2: Oct 20 - Jan 15**

**Unit 2: Probability, Random Variables, and Probability Distributions**

| **Week** | **Dates** | **Major Concepts/Topics** | **Statistical Practices Focus** | **Holiday/Special Notes** | **Resources** |
| --- | --- | --- | --- | --- | --- |
| **11** | Oct 20-24 | **Two-Way Tables & Association** • Joint, marginal, conditional frequencies • Side-by-side bar charts | **Practice 3:** Calculating summary statistics for categorical data |  | [Khan Academy: Two-Way Tables](https://www.khanacademy.org/math/ap-statistics) |
| **12** | Oct 27-31 | **Introduction to Probability** • Sample space, events • Simulation and probability estimation | **Practice 3:** Estimating probabilities using simulation | **Halloween - Oct 31** | [Khan Academy: Probability](https://www.khanacademy.org/math/ap-statistics/probability-ap) |
| **13** | Nov 3-7 | **Probability Rules** • Complement, addition rule • Mutually exclusive events | **Practice 3:** Calculating probabilities | **Teacher Planning Day - Nov 5** | [StatQuest: Probability Rules](https://www.youtube.com/c/joshstarmer) |
| **14** | Nov 10-14 | **Conditional Probability** • Multiplication rule • Independent events | **Practice 4:** Interpreting conditional probability | **Veterans Day - Nov 11** | [StatQuest: Bayes' Theorem](https://www.youtube.com/c/joshstarmer) |
| **15** | Nov 17-21 | **Random Variables** • Discrete probability distributions • Expected value and variance | **Practice 3:** Calculating distribution parameters |  | [Khan Academy: Random Variables](https://www.khanacademy.org/math/ap-statistics/random-variables-ap) |
| **16** | Nov 24-28 | **Binomial Distribution** • Binomial conditions • Binomial probability calculations | **Practice 4:** Interpreting binomial results | **Thanksgiving Break** | [StatQuest: Binomial Distribution](https://www.youtube.com/c/joshstarmer) |
| **17** | Dec 1-5 | **Normal Distribution** • Empirical rule • Normal probability calculations | **Practice 3:** Calculating normal probabilities |  | [StatQuest: Normal Distribution](https://www.youtube.com/c/joshstarmer) |
| **18** | Dec 8-12 | **Sampling Distributions** • Central Limit Theorem • Sample means and proportions | **Practice 4:** Interpreting sampling distributions | **Early Release Day - Dec 10** | [Khan Academy: Sampling Distributions](https://www.khanacademy.org/math/ap-statistics/sampling-distribution-ap) |
| **19** | Dec 15-19 | **Semester Review & Final Exam** | **All Practices:** Comprehensive assessment | **Final Exams Week** | Comprehensive review materials |
| **Winter Break** | Dec 22-Jan 6 | **Winter Break** |  | **No School** |  |
| **20** | Jan 7-10 | **Unit 2 Review & Assessment** | **All Practices:** Integration and application |  | Unit 2 assessment materials |
| **21** | Jan 13-15 | **Transition to Inference** • Review of key concepts • Introduction to confidence intervals | **All Practices:** Bridge to Unit 3 | **Quarter 2 Ends Jan 15** | Transition materials |

**Quarter 3: Jan 20 - Apr 2**

**Unit 3: Inference for Categorical Data: Proportions**

| **Week** | **Dates** | **Major Concepts/Topics** | **Statistical Practices Focus** | **Holiday/Special Notes** | **Resources** |
| --- | --- | --- | --- | --- | --- |
| **22** | Jan 20-24 | **Estimators & Sampling Distributions** • Unbiased estimators • Sample proportion distributions | **Practice 2:** Understanding sampling variability | **MLK Day - Jan 20** | [Khan Academy: Estimators](https://www.khanacademy.org/math/ap-statistics/estimating-confidence-ap) |
| **23** | Jan 27-31 | **Confidence Intervals for Proportions** • One-sample z-interval • Margin of error and sample size | **Practice 2:** Selecting appropriate CI procedures |  | [Khan Academy: Confidence Intervals](https://www.khanacademy.org/math/ap-statistics/estimating-confidence-ap) |
| **24** | Feb 3-7 | **Interpreting Confidence Intervals** • CI interpretation • Justifying claims with CIs | **Practice 4:** Interpreting CI results |  | [StatQuest: Confidence Intervals](https://www.youtube.com/c/joshstarmer) |
| **25** | Feb 10-14 | **Hypothesis Tests for Proportions** • Setting up tests • p-values and significance | **Practice 2:** Setting up hypothesis tests | **Early Release Day - Feb 11** | [Khan Academy: Significance Tests](https://www.khanacademy.org/math/ap-statistics/tests-significance-ap) |
| **26** | Feb 17-21 | **Carrying Out Proportion Tests** • Test statistics • Type I and II errors | **Practice 4:** Interpreting p-values and conclusions | **Presidents Day - Feb 17** | [StatQuest: Hypothesis Testing](https://www.youtube.com/c/joshstarmer) |
| **27** | Feb 24-28 | **Two-Sample Proportion Inference** • Difference in proportions • Confidence intervals and tests | **Practice 3:** Calculating two-sample statistics |  | [Khan Academy: Two-Sample Inference](https://www.khanacademy.org/math/ap-statistics/two-sample-inference) |
| **28** | Mar 3-7 | **Chi-Square Tests** • Goodness of fit • Test for independence/homogeneity | **Practice 4:** Justifying chi-square conclusions |  | [Khan Academy: Chi-Square](https://www.khanacademy.org/math/ap-statistics/chi-square-tests) |
| **29** | Mar 10-14 | **Chi-Square Applications** • Expected counts • Interpreting chi-square results | **Practice 3:** Calculating chi-square statistics | **Teacher Planning Day - Mar 12** | [StatQuest: Chi-Square Tests](https://www.youtube.com/c/joshstarmer) |
| **30** | Mar 17-21 | **Unit 3 Review** • Comprehensive proportion inference review | **All Practices:** Integration of proportion methods |  | Unit 3 review materials |
| **Spring Break** | Mar 24-28 | **Spring Break** |  | **No School** |  |
| **31** | Mar 31-Apr 2 | **Unit 3 Assessment & Transition** | **All Practices:** Assessment and bridge to means | **Quarter 3 Ends Apr 2** | Assessment materials |

**Quarter 4: Apr 6 - Jun 5**

**Units 4 & 5: Inference for Means & Regression**

| **Week** | **Dates** | **Major Concepts/Topics** | **Statistical Practices Focus** | **Holiday/Special Notes** | **Resources** |
| --- | --- | --- | --- | --- | --- |
| **32** | Apr 6-10 | **t-Distributions & One-Sample t-Procedures** • t-distribution properties • Confidence intervals for means | **Practice 2:** Selecting t-procedures | **Spring Break continues through Apr 8** | [Khan Academy: t-Procedures](https://www.khanacademy.org/math/ap-statistics) |
| **33** | Apr 13-17 | **Hypothesis Tests for Means** • One-sample t-tests • Matched pairs design | **Practice 4:** Interpreting t-test results | **Early Release Day - Apr 15** | [StatQuest: t-tests](https://www.youtube.com/c/joshstarmer) |
| **34** | Apr 20-24 | **Two-Sample t-Procedures** • Independent samples • Confidence intervals for difference in means | **Practice 3:** Calculating two-sample t-statistics |  | [Khan Academy: Two-Sample t](https://www.khanacademy.org/math/ap-statistics/two-sample-inference) |
| **35** | Apr 27-May 1 | **Two-Sample t-Tests** • Hypothesis tests for difference in means • Comprehensive inference review | **Practice 4:** Justifying conclusions about means |  | [StatQuest: Two-Sample Tests](https://www.youtube.com/c/joshstarmer) |
| **36** | May 4-8 | **AP Exam Preparation** • Practice exams • Test-taking strategies | **All Practices:** Comprehensive AP preparation | **AP Exam Prep Week** | [AP Central: Practice Materials](https://apcentral.collegeboard.org/courses/ap-statistics) |
| **37** | May 11-15 | **Final AP Review & Mock Exam** • Last-minute review • Mock AP exam | **All Practices:** Final preparation | **AP Exam Week** | [Khan Academy: AP Review](https://www.khanacademy.org/math/ap-statistics) |
| **38** | May 18-22 | **Regression Analysis** • Scatterplots and correlation • Linear regression models | **Practice 3:** Regression calculations | **AP Statistics Exam (TBD)** | [Khan Academy: Regression](https://www.khanacademy.org/math/ap-statistics/bivariate-data-ap) |
| **39** | May 25-29 | **Residuals & Regression Applications** • Residual analysis • Least-squares regression | **Practice 4:** Interpreting regression results | **Memorial Day - May 26** | [StatQuest: Linear Regression](https://www.youtube.com/c/joshstarmer) |
| **40** | Jun 2-5 | **Final Projects & Course Wrap-up** • Statistical investigations • Course reflection | **All Practices:** Comprehensive application | **Early Release Days Jun 2-4** **Quarter 4 Ends Jun 5** | Student choice projects |

**ASSESSMENT STRATEGY ALIGNED TO STATISTICAL PRACTICES**

**Statistical Practice Assessment Rubrics:**

**Practice 1: Formulate Questions**

* Exemplary: Formulates clear, testable investigative questions
* Proficient: Formulates appropriate investigative questions with minor issues
* Developing: Formulates basic investigative questions
* Beginning: Unable to formulate appropriate investigative questions

**Practice 2: Collect Data**

* Exemplary: Correctly identifies and justifies all data collection methods
* Proficient: Identifies appropriate methods with minor justification issues
* Developing: Identifies basic methods with limited justification
* Beginning: Unable to identify appropriate data collection methods

**Practice 3: Analyze Data**

* Exemplary: Accurately constructs all representations and calculations
* Proficient: Constructs most representations and calculations correctly
* Developing: Constructs basic representations with some errors
* Beginning: Unable to construct appropriate representations

**Practice 4: Interpret Results**

* Exemplary: Provides complete, contextual interpretations and justifications
* Proficient: Provides mostly complete interpretations with minor issues
* Developing: Provides basic interpretations with some context
* Beginning: Unable to provide appropriate interpretations

**TECHNOLOGY INTEGRATION FOR STATISTICAL PRACTICES**

**Practice 1: Question Formulation Tools**

* [Real Data Sources: Kaggle](https://www.kaggle.com/datasets)
* [Current Events Data: FiveThirtyEight](https://fivethirtyeight.com/data/)
* [Global Data: Gapminder](https://www.gapminder.org/data/)

**Practice 2: Data Collection Methods**

* [Survey Design: Google Forms](https://forms.google.com/)
* [Random Sampling: Random.org](https://www.random.org/)
* [Experimental Design: StatCrunch](https://www.statcrunch.com/)

**Practice 3: Data Analysis Tools**

* [Graphing Calculator: TI-84](https://www.ti.com/us/en/product-support/)
* [Statistical Software: R/RStudio](https://rstudio.com/)
* [Online Calculator: Desmos](https://www.desmos.com/calculator)
* [Simulation Tools: StatKey](http://www.lock5stat.com/statkey/)

**Practice 4: Interpretation Support**

* [Statistical Dictionary: StatisticsHowTo](https://www.statisticshowto.com/)
* [Interpretation Guides: AP Central](https://apcentral.collegeboard.org/courses/ap-statistics)
* [Peer Discussion: Google Classroom](https://classroom.google.com/)

**AP EXAM PREPARATION STRATEGY**

**Statistical Practices on the AP Exam:**

* **Multiple Choice:** Emphasizes Practices 2 & 3 (method selection and calculations)
* **Free Response:** Emphasizes all practices, especially Practice 4 (interpretation)
* **Investigative Task:** Comprehensive application of all four practices

**Monthly Practice Schedule:**

* **September-December:** Focus on Practices 1 & 3 (foundation building)
* **January-March:** Focus on Practices 2 & 4 (method selection and interpretation)
* **April-May:** Integrated practice of all four practices in AP format

**AP Preparation Resources:**

* [Official Practice Exams: AP Central](https://apcentral.collegeboard.org/courses/ap-statistics/exam)
* [Question Bank: AP Classroom](https://myap.collegeboard.org/)
* [Practice Tests: Khan Academy](https://www.khanacademy.org/math/ap-statistics)
* [Review Materials: Albert.io](https://www.albert.io/ap-statistics)

**STATISTICAL LITERACY GOALS**

By the end of this course, students will demonstrate mastery of all four Statistical Practices:

1. **Formulate Questions:** Students can identify what data are needed to answer questions and can pose investigative questions that can be answered with data.
2. **Collect Data:** Students can design and critique data collection methods, understanding the scope of conclusions that can be drawn.
3. **Analyze Data:** Students can select and perform appropriate statistical procedures and create appropriate data representations.
4. **Interpret Results:** Students can interpret statistical results in context, assess the reliability of conclusions, and communicate findings effectively.

**CONTACT INFORMATION & SUPPORT**

**Mrs. Kristina Zogovic**  
**Email:** kzogovic@doral.academy.org  
**Office Hours:** Daily 7:15-7:45 AM and 3:15-4:00 PM  
**Course Website:** [insert school LMS link]  
**AP Classroom Code:** [insert code]  
**Statistical Practices Progress Portal:** [insert link]

**Additional Support Resources:**

* **Statistical Practice Tutoring:** Individual sessions focused on specific practices
* **Peer Study Groups:** Collaborative practice development
* **Parent Communication:** Regular updates on statistical practice progress
* **Online Practice Portal:** 24/7 access to practice-building activities

*This curriculum guide implements the 2025 AP Statistics Revised Course Framework with its emphasis on Statistical Practices while maintaining comprehensive resource integration. The practice-focused approach ensures students develop expertise in formulating questions, collecting data, analyzing data, and interpreting results—the core competencies for success in statistics and data science.*