

AP Statistics
Wall High School
2025-2026
Mrs. Glynn (aglynn@wallpublicschools.org)

Extra Help Schedule, Location, and Procedures:

- **Extra Help will be A-day unit lunch in E8.** Bring questions to work on so we can focus on your needs.
- **Come to extra help frequently:** Email me if you can't attend and we can try and make alternate arrangements.
- **Math is not a spectator sport:** I also encourage you to come see me for extra practice. The more practice you get, the better you'll perform!
- **Google it:** A great resource for help is the internet- USE IT! If you find good resources, post it to Google Classroom. I'm sure someone could use the help.

Marking Period Schedule

Marking Period 1 9/4/2025 - 11/5/2025	Marking Period 3 1/27/2026 - 3/31/2026
Marking Period 2 11/10/2025 - 1/16/2026	Marking Period 4 4/1/2026 - 6/10/2026
Midterm Exams 1/20/2026 - 1/26/2026	Final Exams 6/11/2026 - 6/18/2026

Course Description

The purpose of the course is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The topics covered in this course are divided into four major themes: Exploring Data: Describing patterns and departures from patterns, Sampling and Experimentation: Planning and conducting a study, Anticipating Patterns: Exploring random phenomena using probability and simulation, Statistical Inference: Estimating population parameters and testing hypotheses. Students use graphing calculators and computer technology extensively to organize and analyze data. All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).

Units of Study ([link to official College Board AP Statistics Course Description](#))

- 1- Exploring One Variable Data
- 2- Exploring Two Variable Data
- 3- Collecting Data
- 4- Probability, Probability Distributions, and Random Variables
- 5- Sampling Distributions
- 6- Inference for Categorical Data: Proportions
- 7- Inference for Quantitative Data: Means
- 8- Inference for Distributions and Relationships
- 9- Review for the AP Exam
- 10- Projects Utilizing Our Statistics Skills

Classroom Expectations

Classroom Norms:

- Keep cell phones OFF and OUT OF SIGHT. (Unless we are using it in class that day.)
- Be respectful and supportive of everyone.
- Actively participate in class activities.
- Be prepared. (binder, good attitude, writing utensil, calculator)
- Behave in accordance with the rules of the school.
- Seek out extra help when you need it.
- Anytime you feel something is not fair, just tell your teacher privately before or after class and we can arrange to talk about it.

Learning Norms:

- **We value learning over knowing:** True learning is not about speed, memorizing procedures, or “getting done”; it is about ideas, creativity, and sense-making.
- **Collaboration moves our thinking forward:** We listen to and value each other’s ideas, ask questions, push for reasons, and are open to revising our thinking.
- **We are aware of when to step up and step back:** We share our ideas and make space for others to share theirs.

Group Norms:

- **No quitting:** Challenge is normal. We can get stuck and then get ourselves unstuck.
- **No loners:** Everyone participates. No one is done until everyone is done.
- **No spoilers:** Find out what others think and don’t rush to the answer. Help others do things for themselves.

Materials & Available Resources

- The Practice of Statistics, 6th Edition, Updated
- Textbook Lecture Presentation Slides
- Textbook Technology Corner Videos
- Textbook Worked Example Videos
- Textbook Solutions Manual
- Mrs. Glynn’s YouTube Chapter Playlists

Grading Breakdown

Each quarter grade is based on a percentage model; the following grading formulas have been established.

Marking Period Category Percentages

Category	Percentage
Major Assessments	40%
Minor Assessments	40%
Homework/Classwork	20%

Course Grading

Category	Percentage
Marking Period 1	20%
Marking Period 2	20%

Midterm Exam	10%
Marking Period 3	20%
Marking Period 4	20%
Final Exam	10%

Marking Period 1*

Big Ideas	Topics/Themes/Concepts	Activities & Assessments	Timeline (Number of Blocks)
Unit 1: Exploring One-Variable Data	Introduction and Analyzing Categorical Data	Summer Assignment	10 Sep 6-Sep 21
	Displaying Quantitative Data with Graphs	AP Classroom Topic Quizzes	
	Describing Quantitative Data with Numbers	Unit 1 Assessment	
	Describing Location in a Distribution		
	Density Curves and Normal Distributions		
Unit 2: Exploring Two-Variable Data	Scatterplots and Correlation	AP Classroom Topic Quizzes	9 Sep 26-Oct 10
	Least-Squares Regression	Unit 2 Cumulative Assessment	
	Transforming to Achieve Linearity		
Unit 3: Collecting Data	Sampling and Surveys	AP Classroom Topic Quiz	10.5 Oct 12-Oct 31
	Experiments	Unit 3 Cumulative Assessment	
	Using Studies Wisely		
Unit 4: Probability, Probability Distributions, and Random Variables	Randomness, Probability, and Simulation	AP Classroom Topic Quizzes	3.5 Nov 2- Nov 6
	Probability Rules		
	Marking Period 2*		
	Conditional Independence and Probability	AP Classroom Topic Quizzes	12 Nov 8- Dec 12
	Discrete and Continuous Random Variables	Unit 4 Cumulative Assessments	
	Transforming and Combining Random Variables		

	Binomial and Geometric Random Variables		
Unit 5: Sampling Distributions	Introduction to Sampling Distributions Sampling Distribution for Sample Proportions Sampling Distributions for Sample Means	AP Classroom Topic Quizzes Unit 5 Cumulative Assessments	7.5 Dec 14 - Jan 5
MIDTERM EXAM			
Marking Period 3*			
Unit 6: Inference for Categorical Data-Proportions	Confidence Intervals: The Basics Estimating a Population Proportion Estimating a Difference in Proportions Significance Tests: The Basics Tests about a Population Proportion Tests about a Difference in Proportions	AP Classroom Topic Quizzes Unit 6 Cumulative Assessments	15 Jan 29 - Feb 22
Unit 7: Inference for Quantitative Data-Means	Estimating a Population Mean Estimating a Difference in Means Tests about a Population Mean Tests about a Difference in Means	AP Classroom Topic Quizzes Unit 7 Cumulative Assessments	12 Feb 26 - Mar 15
Unit 8: Inference for Distributions and Relationships	Chi-Square Tests for Goodness-of-Fit Inference for Two Way Tables Inference for Slope	AP Classroom Topic Quizzes Unit 8 Cumulative Assessments	10.5 Mar 19 - April 11
Marking Period 4*			
Unit 9: Review for the AP Exam	Review for the AP Exam	Practice AP Exams Mini Lessons on Key	12 Apr 15 - May 3

		Topics	
		Selected AP FRQ	
Unit 10: Projects Utilizing our Statistics Skills	Student-Driven Projects and Presentations	Applications of Statistics in Real Life How to read a Peer-Reviewed Journal Article Descriptive and Inferential Statistics Project and Presentations	15 May 9 - Jun 5

**Subject to revision*

Final Exams: June 6 - June 13

Make-up Work as per Student Handbook

- Students who are absent from class for any reason will be required to make up the work missed in each class. Completion of this work should take approximately the same amount of time as the student missed from class. In extreme cases of prolonged absence (more than five consecutive days), the Principal may grant extra time for the students to complete missing assignments. Students will receive an incomplete grade pending the submission of the missing assignments. Students will receive a zero for any work that is not completed by the designated timeline.
- It is the student's responsibility to obtain all make-up work from his/her teachers immediately upon return to school. Failure to obtain makeup work is no excuse for not completing work missed. Students have the same amount of time that they have been absent to make up the work.

Academic Integrity Policy as per Student Handbook

Plagiarism Policy

- **Freshmen:** On the first offense, the student may rewrite for a maximum grade of 55. The rewrite should be closely monitored by the teacher because, on the freshman level, we are concerned with students' understanding of the process. On the second offense, the student receives a 0 grade for the final product. (Students' offenses will be filed in the supervisor's office.)
- **Sophomores, Juniors, and Seniors:** If the teacher finds that the plagiarism is flagrant or pervasive and can document the same, the assessment may receive a grade of zero.

Cheating

Students are expected to conduct themselves honestly and with integrity in their work. All forms of cheating and plagiarism are prohibited. Behavior that is unacceptable includes, but is not limited to, the following:

- Copying another student's work;
- Working with others on projects that are meant to be done individually.
- Looking at or copying another student's test or quiz answers;
- Allowing another student to look at or copy answers from one's test or quiz;
- Using any other method (ie, "cheat sheets", communicating in any form) to get/give test or quiz answers;
- Taking a test or quiz in part or in whole to use or to give to others;
- Copying information from a source without giving proper acknowledgment.
- Taking papers from other students, publications, or internet sources and claiming them as one's own work;
- Academic dishonesty in any other form, including, but not limited to, tampering with computerized grade records;
- Giving or receiving answers and/or test questions to or from another student.

Violators of this policy will be disciplined on a case-by-case basis, depending on the seriousness of the violation, prior violations and other factors.

Disciplinary measures/consequences may include, but are not limited to the following:

- Redoing the assignment (see policy on plagiarism).
- Receiving a zero grade on the project, test, or quiz;
- A letter is sent to the parent and placed in the student's file.
- Detention, suspension, or expulsion.

AI Policy and Regulation

[2365 ACCEPTABLE USE OF GENERATIVE ARTIFICIAL INTELLIGENCE \(AI\)](#)

[R 2365 ACCEPTABLE USE OF GENERATIVE ARTIFICIAL INTELLIGENCE \(AI\)](#)