



AP Statistics

Disjoint Double-Blind Cluster
 Stemplot Approximately Formula Chart LSRL Mode
 Extrapolation Margin of Error Confounding Chi-Squared Z-Score Power
 one-sample-t-test Quantile Law of Large Numbers Independence bell-shaped Center
 two-sample-t-test Normal Probability Plot Confidence Interval Categorical Inference Boxplot
 Stratified Outplot Experimental Design Mean Probability Typo Error
 one-sample-z-test IQR
 two-sample-z-test Skewed Homogeneity Outlier
 Standard Error
 Standard Deviation Coefficient of Determination Causation
 Bias Means Geometric Pooled
 Level of Significance Parameter Systematic Random Sample
 Blocked Design SRS Normal
 Distribution Empirical Rule Degrees of Freedom
 Standardized Value Goodness of Fit Shape
 Proportions Bivariate Data Density Curve Mutually Exclusive Alternate
 Null Variance Histogram Scatterplot i-Test Unusual Residual
 Control Ogive Binomial Hypothesis Quantitative Typo Error Spread

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To incoming AP Statistics:

To be best prepared for AP Statistics in September, you must complete this **required** Summer Assignment. You will submit this completed assignment no later than midnight September 26. Your instructor will announce the exact due date in class. This assignment will be graded and included as a grade for the first marking period.

This material needs to be fresh and current when school starts. We recommend that you begin and work on this Summer JumpStart assignment throughout the month of August and establish consistent study habits to be fluent with the content included in this assignment. If you complete the assignment before August, you should revisit the material and assignment before school begins.

This assignment has been created using DeltaMath. The DeltaMath program is designed to pull questions from a large question bank and randomizes questions for each student. Each Summer Assignment is unique but addresses the same skills and concepts at the same level of rigor chosen by the instructor. There are videos for each topic if you need to review or refamiliarize yourself with a concept(s) so you do not need a text resource to complete the assignment. Also, if you get a problem incorrect you will see the actual solution and will be able to complete a similar problem for full credit. If you are struggling with concepts/material, below are some additional resources for you to reference. Again, DeltaMath has video resources for you to review should need them.

Additional Resources: For additional examples and support you can reference any of the sites listed below. Search the skill/concept.

- KhanAcademy.com
- Youtube.com

Google Classroom: A Google class has been established in order to provide you, the students, with support as a group. If you are struggling with concepts/material, there is an option to post questions to one another just as you would if you were working in groups in class. Since DeltaMath randomizes the questions, your classmates will have been assigned similar questions and can serve as a resource for you. In addition, you have the educational resources listed for additional assistance. The math course from the current school year is the prerequisite course for the course you have enrolled into for the Fall. Your personal notebook and handouts from this year's class is a resource that is at your disposal.

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Google Classroom Group Code: [a2uwmvg](#)

- Go to www.classroom.google.com
- Click on I'm a Student
- **If needed, use your .info school email account**
- Enter access code to access the class.
- **CODE:** [a2uwmvg](#)
- *Be sure to join Google Classroom by July 14. If you join after this date, please email Mr. Shive (RSshive@ltps.org) and Mr. Krajunus (AKrajunus@ltps.org) to be added to the DeltaMath class.*

DeltaMath Account:

- Delta Math Classroom will be synced with Google Classroom on July 15th.
- Log onto deltamath.com and click sign in with Google and be sure to use your .info account.
- The assignment will be posted on July 15th.
- Once logged in you will see the assignment.
 - If you log in before July 15th you won't see any assignment posted yet.
- If you don't see the assignment, make sure you joined the Google Classroom first and if you joined after July 14th be sure to email Mr. Shive/ Mr. Krajunus to be added to DeltaMath.

Scoring/Grading:

- The AP Statistics Assignment is worth a total of 40 points.
- All answers are submitted in the DeltaMath program with automatic grading. Most the questions only have one opportunity to get the answer correct. Make sure to double check your answers before submitting.
- Complete all assigned problems.
- This assignment will be graded and included as a grade for the first marking period.
- There may be a short quiz after selected material is reviewed in class.

Tips for Completing the Assignment:

Remember your assignment will not be exactly the same as a classmate since the program randomizes questions focusing the same skills and concepts at a difficulty level chosen by the instructor. All of your answers will be submitted in the DeltaMath program, but you are strongly encouraged to:

- Use notebook paper as you are working on the assignment, and show all your work.
- If you have any questions in September, you and your teacher can review your work together.

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