

Course Overview	AP Statistics Course Overview by College Board
Course Standards	AP Statistics Course and Exam Description (CED)
Instructional Materials	Math Medic-IDEA Mathematics Curriculum Redesign (MCR) on Curriculum Corner

Scope & Sequence

Units & Instructional Days	Assessments & Scanning Deadlines	Standards
Unit 00: Foundations 5 Days		
Unit 1: Analyzing Data 11 Days	Unit 1 Exam TX_MAT_APStatistics_F26_UE1 <u>Scanning Deadline:</u> September 17, 2026	1.1 Introducing Statistics: What Can We Learn from Data? LO 1.1.A LO 1.1.B 1.2 Variables LO 1.2.A LO 1.2.B LO 1.2.C 1.3 Tabular Representation and Summary Statistics for One Categorical Variable LO 1.3.A LO 1.3.B 1.4 Graphical Representations for One Categorical Variable LO 1.4.A LO 1.4.B LO 1.4.C 1.5 Graphical Representations for One Quantitative Variable LO 1.5.A 1.6 Descriptions for One Quantitative Variable Distributions LO 1.6.A LO 1.6.B 1.7 Summary Statistics for One Quantitative Variable LO 1.7.A LO 1.7.B LO 1.7.C LO 1.7.D LO 1.7.E LO 1.7.F 1.8 Graphical Representations of Summary Statistics for One Quantitative Variable LO 1.8.A LO 1.8.B 1.9 Comparisons of the Distributions for One Quantitative Variable LO 1.9.A LO 1.9.B LO 1.9.C LO 1.9.D LO 1.9.E 1.10 The Investigative Question Revisited and Data Collection LO 1.10.A LO 1.10.B LO 1.10.C LO 1.10.D LO 1.10.E 2.1 Tabular and Graphical Representations for the Distributions of Two Categorical Variables LO 2.1.A LO 2.1.B

Unit 2: Collecting Data 12 Days	Unit 2 Exam <i>TX_MAT_APStatistics_F26_UE2</i> <u>Scanning Deadline:</u> October 1, 2026	1.10 The Investigative Question Revisited and Data Collection LO 1.10.A LO 1.10.B LO 1.10.C LO 1.10.D LO 1.10.E 1.11 Random Sampling LO 1.11.A LO 1.11.B 1.12 Potential Problems with Sampling LO 1.12.A 1.13 Experimental Design LO 1.13.A LO 1.13.B LO 1.13.C LO 1.13.D
Unit 3: Probability 9 Days	Unit 3 Exam <i>TX_MAT_APStatistics_F26_UE3</i> <u>Scanning Deadline:</u> October 15, 2026	2.3 Estimating Probabilities Using Simulation LO 2.3.A 2.4 Introduction to Probability LO 2.3.A 2.5 Mutually Exclusive Events LO 2.5.A 2.6 Conditional Probability LO 2.6.A 2.7 Independent Events and Unions of Events LO 2.7.A
Unit 4: Random Variables 11 Days	Unit 4 Exam <i>TX_MAT_APStatistics_F26_UE4</i> <u>Scanning Deadline:</u> November 5, 2026	2.8 Introduction to Random Variables and Probability Distributions LO 2.8.A 2.9 Parameters of Random Variables LO 2.9.A LO 2.9.B 2.10 The Binomial Distribution LO 2.10.A LO 2.10.B LO 2.10.C LO 2.10.D LO 2.10.E 2.11 The Normal Distribution LO 2.11.A LO 2.11.B LO 2.11.C LO 2.11.D LO 2.11.E LO 2.11.F
Unit 5: Sampling Distributions 10 Days	Unit 5 Exam <i>TX_MAT_APStatistics_F26_UE5</i> <u>Scanning Deadline:</u> November 19, 2026	2.12 Sampling Distributions and the Central Limit Theorem LO 2.12.A 3.1 Estimators LO 3.1.A LO 3.1.B 3.2 Sampling Distributions for Sample Proportions LO 3.2.A LO 3.2.B LO 3.2.C 3.9 Sampling Distributions for the Difference Between Sample Proportions LO 3.3.A LO 3.3.B LO 3.3.C LO 3.3.D 4.1 Sampling Distributions for Sample Means LO 4.1.A LO 4.1.B LO 4.1.C 4.6 Sampling Distributions for the Difference Between Two Sample Means LO 4.6.A LO 4.6.B LO 4.6.C

<p>Unit 6: Inference for Proportions 22 Days</p>	<p>Unit 6 Exam <i>TX_MAT_APStatistics_S27_UE6</i> <u>Scanning Deadline:</u> February 11, 2027</p>	<p>3.3 Constructing a Confidence Interval for a Population Proportion LO 3.3.A LO 3.3.B LO 3.3.C LO 3.3.D 3.4 Justifying a Claim Based on a Confidence Interval for a Population Proportion LO 3.4.A LO 3.4.B LO 3.4.C 3.10 Constructing a Confidence Interval for the Difference Between Two Population Proportions LO 3.10.A LO 3.10.B LO 3.10.C LO 3.10.D 3.11 Justifying a Claim Based on a Confidence Interval for the Difference Between Two Population Proportions LO 3.11.A LO 3.11.B</p>
<p>Semester Exam Window: Dec 7-18, 2026 Scanning Deadline: Jan TBD, 2027</p>		
<p>Unit 6: Inference for Proportions 22 Days</p>	<p>Unit 6 Exam <i>TX_MAT_APStatistics_S27_UE6</i> <u>Scanning Deadline:</u> February 11, 2027</p>	<p>3.5 Setting Up a Test for a Population Proportion LO 3.5.A LO 3.5.B LO 3.5.C 3.6 p-Values LO 3.6.A 3.7 Carrying Out a Test for a Population Proportion LO 3.7.A LO 3.7.B 3.8 Potential Errors When Performing Tests LO 3.8.A LO 3.8.B LO 3.8.C LO 3.8.D 3.12 Setting Up a Test for the Difference Between Two Population Proportions LO 3.12.A LO 3.12.B LO 3.12.C 3.13 Carrying Out a Test for the Difference Between Two Population Proportions LO 3.13.A LO 3.13.B LO 3.13.C 3.14 Setting Up a Chi-Square Test for Homogeneity or Independence LO 3.14.A LO 3.14.B LO 3.14.C LO 3.14.D 3.15 Carrying Out a Chi-Square Test for Homogeneity or Independence LO 3.15.A LO 3.15.B LO 3.15.C LO 3.15.D</p>

Unit 7: Inference for Means 17 Days	Unit 7 Exam <i>TX_MAT_APStatistics_S27_UE7</i> <u>Scanning Deadline:</u> March 4, 2027	4.1 Sampling Distributions for Sample Means LO 4.1.A LO 4.1.B LO 4.1.C 4.2 Constructing a Confidence Interval for a Population Mean or Population Mean Difference LO 4.2.A LO 4.2.B LO 4.2.C LO 4.2.D LO 4.2.E 4.3 Justifying a Claim Based on a Confidence Interval for a Population Mean or Population Mean Difference LO 4.3.A LO 4.3.B LO 4.3.C 4.7 Constructing a Confidence Interval for the Difference Between Two Population Means LO 4.7.A LO 4.7.B LO 4.7.C LO 4.7.D 4.8 Justifying a Claim Based on a Confidence Interval for the Difference Between Two Population Means LO 4.8.A LO 4.8.B 4.4 Setting Up a Test for a Population Mean or Population Mean Difference LO 4.4.A LO 4.4.B LO 4.4.C 4.5 Carrying Out a Test for a Population Mean or Population Mean Difference LO 4.5.A LO 4.5.B LO 4.5.C 4.9 Setting Up a Test for the Difference Between Two Population Means LO 4.9.A LO 4.9.B LO 4.9.C 4.10 Carrying Out a Test for the Difference Between Two Population Means LO 4.10.A LO 4.10.B LO 4.10.C
Unit 8: Two-Variable Data 9 Days	Unit 8 Exam <i>TX_MAT_APStatistics_S27_UE8</i> <u>Scanning Deadline:</u> March 25, 2027	5.1 Graphical Representations Between Two Quantitative Variables LO 5.1.A LO 5.1.B LO 5.1.C 5.2 Correlation LO 5.2.A 5.3 Linear Regression Models LO 5.3.A 5.4 Residuals LO 5.4.A LO 5.4.B LO 5.4.C 5.5 Least-Squares Regression LO 5.5.A LO 5.5.B
Mock Exam Window: Mar 22-Apr 2, 2027 Scanning Deadline: Apr TBD, 2027		
AP Success Unit 10 Days		All Topics and Learning Objectives
AP Exam: May TBD, 2027		
Post-AP Enrichment 8 Days		

TEKS Alignment

Instruction in this course is aligned to the Texas Essential Knowledge and Skills (TEKS) as adopted by the State Board of Education and implemented in accordance with Texas Education Code Chapter 28.

Instructional Materials

Primary Texts (if applicable)

Supplemental instructional materials may be used to support instruction. Supplemental materials do not replace board-approved core instructional materials.

Additional information regarding instructional programs, assessments, and parent access to instructional materials is available on the district website.

Instructional Expectations

Instruction is delivered using board-approved instructional materials and aligned to the scope and sequence outlined above. Teachers are expected to ensure all required standards are taught within the course timeframe.

Assessment Overview

Student learning is monitored through formative and summative assessments aligned to course standards. Assessment results are used to inform instruction and student supports. Students participate in required state assessments when applicable.