



Course Name: AP Statistics
School Year: 2021-2022

Course Purpose and Relevance:

The **AP Statistics** course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

For further details, view the College Board [AP Statistics Course Description](#).

Overview of Student Outcomes:

For complete list of topics covered in course, view the [College Board Course Detail Webpage](#).

Available Support for Student Learning:

Refer to the teacher's Course Syllabus for resources and course specific opportunities. The adopted textbook for AP Statistics is Velleman & DeVeaux, Stats: Modeling the World, 4th ed., Addison-Wesley, 2015. Student textbook and/or digital version are available through the CCISD Student Portal.

Links to Course Overview at College Board website:

[AP Statistics Course Overview](#)

CCISD AP Statistics Curriculum Unit Sequence**

Unit 1: Organizing Data

Unit 2: Exploring Relationships between Variables

Unit 3: Gathering Data

Unit 4: Randomness and Probability

Unit 5: From Data at Hand to the World at Large

Unit 6: Learning About the World

Unit 7: Inferences When Variables are Related

**AP Statistics teachers may present the course content in a different sequence than the CCISD AP Statistics Curriculum. AP teachers must submit their syllabi to the College Board for approval prior to teaching the course. Refer to the teacher's syllabus for details and sequence of course content as well as other information about the course.