



# AP Statistics

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## General Course Overview:

The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

## College Course Equivalent:

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics.

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## Exam Format

- The AP Statistics Exam will continue to have consistent question types, weighting, and scoring guidelines every year, so you and your students know what to expect on exam day. The overall format of the exam—including the weighting, timing, and number of questions in each exam section—won't change.
- *Section 1: Multiple Choice*
  - 40 Questions | 1 Hour 30 Minutes | 50% of Exam Score
  - Individual questions or sets of questions based on a shared prompt
- *Section 2: Free Response*
- 6 Questions | 1 Hour 30 Minutes | 50% of Exam Score
- Part A:
  - 1 multipart question with a primary focus on collecting data
  - 1 multipart question with a primary focus on exploring data
  - 1 multipart question with a primary focus on probability and sampling distributions
  - 1 question with a primary focus on inference
  - 1 question that combines 2 or more skill categories
- Part B:
  - 1 investigative task that assesses multiple skill categories and content areas, focusing on the application of skills and content in new contexts or in non-routine ways

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## Materials

- Mechanical Pencils
- Fine Point Pens - blue or black (I love Zebra F-301 pens myself)
- TI-Nspire (if you do not have one WAJ can provide you will one)
- 2"binder
- Dividers
  - Notes
  - Homework
  - Quizzes
  - Review Sheets
- Graph paper
- Colored Pencils
- Internet Access to watch math videos / USB drive to download videos

## Summer Assignment

- The summer assignment is broken into two sections. The first section is a reading of a practice chapter followed by a question set. The second section of the summer assignment is a document that reviews basic vocabulary as well as gives students the opportunity to practice basic statistical processes that they may have encountered.