

## ADVANCED PLACEMENT COURSE

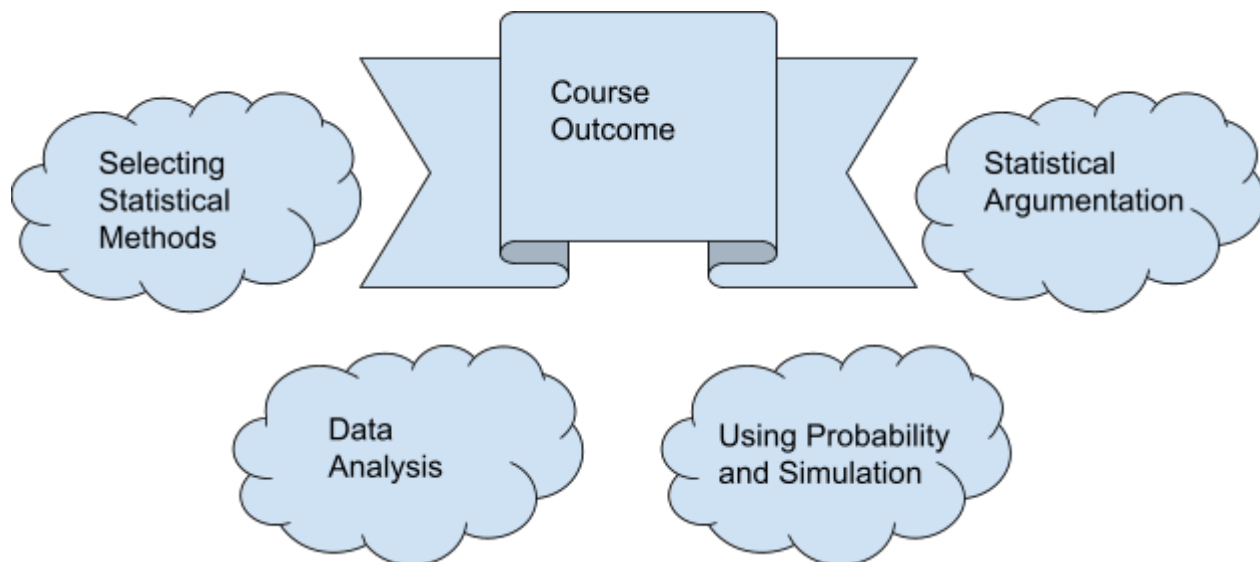
### AP Statistics at KC High

Statistics is a branch of mathematics that deals with every aspect of **data**.

AP Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data.

Four themes are evident in the content, skills, and assessment in the AP Statistics course: **exploring data, sampling and experimentation, probability and simulation, and statistical inference**. You could use technology, investigations, problem-solving, and writing as you build conceptual understanding.

<p>The course is broadly divided into nine units;</p> <p><b>Unit 1:</b> Exploring One-Variable Data</p> <p><b>Unit 2:</b> Exploring Two-Variable Data</p> <p><b>Unit 3:</b> Collecting Data</p> <p><b>Unit 4:</b> Probability, Random Variables, and Probability Distributions</p> <p><b>Unit 5:</b> Sampling Distributions</p> <p><b>Unit 6:</b> Inference for Categorical Data: Proportions</p> <p><b>Unit 7:</b> Inference for Quantitative Data: Means</p> <p><b>Unit 8 :</b> Inference for Categorical Data: Chi-Square</p> <p><b>Unit 9:</b> Inference for Quantitative Data: Slopes</p>	<p>The Big picture</p> <p>Data based predictions, decisions and conclusions</p> <p>Variation and Distribution</p> <p>Patterns &amp; Uncertainty</p>
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Assessments	Requirements
<ul style="list-style-type: none"> <li>• Personal progress check after completion of every unit</li> <li>• Case study analysis</li> </ul>	<ul style="list-style-type: none"> <li>• Graphic display calculator</li> <li>• Stationery</li> </ul>

**Course details:**

**Recommended length of course: September 03, 2022 to April 11, 2023**

**Time commitment:** Two sessions per week - 90 minutes per session

**Timings:**

Option 1:

Tuesdays from 3:00 - 4:20 PM and Saturdays from 9:00 - 10:20 AM,

Option 2:

Saturdays from 9 am - 12.30 pm with a break of 20 minutes during the session

Holidays:

A 3-week break for Christmas/New Year.

Other holidays as per the Tamil Nadu Holidays Gazette.

**Venue:**

All classes will be in-person at

[KC High](#),

Olympia Panache,

#33 Rajiv Gandhi Salai (OMR), Navalur, Chennai 600130.

**Course fee: Rs. 50,000/-**

**Only Online payment will be accepted. The details are below.**

Bank - Axis Bank Limited

Branch - R A Puram Branch

Account - Savings Bank Account

Account Name - KC High

Account Number - 676010100016737

IFSC Code - UTIB0000676

MICR - 600211023

***Interested students can fill in the details below and send an email to [apcourses@kchigh.com](mailto:apcourses@kchigh.com) with the screenshot of the payment. Please mention the name of the child and the course enrolled in the remarks column of the online transaction.***

## Student Enrollment details

- Student's First Name: \_\_\_\_\_
- Student's Last Name: \_\_\_\_\_
- Date of Birth: \_\_\_\_\_
- Student's Primary Email: \_\_\_\_\_
- Student's Mobile number: \_\_\_\_\_
- School the student is currently studying at \_\_\_\_\_
- Grade level: \_\_\_\_\_
- Choose your convenient option:
  - Tuesdays from 3:00 - 4:20 PM and Saturdays from 9:00 - 10:20 AM
  - Saturdays from 9 am - 12.30 pm with a break of 20 mins. during the session
- Parent contact information:
  - Parent's name: \_\_\_\_\_
  - Parent's mobile number: \_\_\_\_\_
  - Parent's email address: \_\_\_\_\_