GRAND PRAIRIE Independent School District | **ADVANCED ACADEMICS**

AP® Computer Science
At Grand Prairie High School

There are two AP computer science courses that can be taken in any order.

• AP Computer Science Principles: Learn the principles that underlie the science of computing and develop the thinking skills that computer scientists use.

• AP Computer Science A: Get familiar with the concepts and tools of computer science as you learn a subset of the Java programming language.

Recommended Prerequisites: High School Algebra course

Photo by Gerd Altmann via Pixabay.

Why take AP?

01
Coding
we start with coding in scratch and end by learning python coding language

02
Is the Future!
Python is a beginner friendly text-based coding language

03
Credits
All is online curriculum and the second AP Comp Sci class is a math credit.

04
More Credits!
Both AP Computer Science classes count as a second language for graduation.

Skills You'll Learn In This Curriculum

Gain confidence in your problem-solving abilities.

Learn skills you can apply to a range of fields and interests.

Develop creativity as you bring your own ideas to life.

Design a program to solve problems or accomplish tasks.

AP® courses can lead you to numerous choices of College Majors and Careers

Majors:
Aerospace Engineering
Agricultural Engineering
Applied Physics
Astronomy
Atmospheric Sciences and Meteorology
Business Administration and Management
Chemical Engineering
Computer Forensics
Database Management

Careers:
Actuaries
Adult Educators
Advertising, Marketing, and PR Managers
Aerospace Engineers
Agricultural and Food Scientists
Ait Traffic Controllers
Aircraft and Avionics Technicians
Biological Scientists
Biomedical Engineers

GPHS ALIGNMENT COURSES:

Name of Class 1
Name of Class 2
Name of Class 3