Create the Future

AP Computer Science Principles
for 8th & 9th Grade Students

AP
CollegeBoard

The Power of Computer Science

The Innovation Engine

From 3-D animation to medicine, fashion, engineering, visual design, finance, music production, and much more! Computer science powers technology, productivity, and innovation that drives the world.

Ideas Come to Life

AP® Computer Science Principles (AP CSP) helps you understand how computing and technology influence the world around you. In this course, you'll create digital projects, such as games and apps, to address real-world issues in the same way writers, programmers, engineers, and designers do. You will have the opportunity to earn college credit and placement by taking the AP Computer Science Principles Exam and receiving a qualifying AP score.

Projects Created by AP CSP Students

- App that helps travelers pack based on their destination's weather.
- Program that identifies cybersecurity threats and indicates how to use the internet to address them.
- LED light show

"AP Computer Science Principles opened my mind to just about everything. I learned that computer science and programming is not just for some people – it's for everybody."

- Mikiyah Smith, Sophomore

Beyond Computing

AP CSP prepares you for success not only in computer science majors and careers, but also in other fields. For example, computer science skills can help you:

1. Create apps to track health data and provide real-time suggestions for ways to live healthier.
2. Program models and experiments that help answer biology, physics, and sociology questions.
3. Design and build robots for use in fields like manufacturing, surgery, research, and transportation.
4. Create a website to raise awareness for causes you care about.

Why CSP?
Students who have taken AP CSP say that it:
- prepares them for many different jobs.
- enables them to apply computer science to disciplines that interest them.
- gives them an opportunity to work on problem-solving with classmates.

Details
Class will begin in Fall 2019 for 2019-2020 school year, and meet one day a week for 4 hours during the school day. Class will be held at NC RESA.

Interested?
Student must be...
- entering grades 8 or 9 in Fall 2019.
- enrolled in or have completed Algebra I.

To Enroll:
Contact Nancy Grenan, NC RESA, Learning Services
Email: ngrenan@ncresa.org | Phone: 231.924.8823
Application deadline: May 31, 2019

FREMONT AREA COMMUNITY FOUNDATION

NC RESA
Newaygo County Regional Educational Service Agency