

AP Computer Science (Elective)

Purpose: To introduce and familiarize students to the idea of coding, specifically the algorithms. This will serve as a snapshot of what will be done throughout the school year. This summer work is essential for gaining an understanding of the course and to prepare for the final exam expectations. We will be using Code.org's Code Break lesson, which is designed for one month. The course will also highlight the importance of adhering to due dates and completing work in a timely manner.

Due Date: Work completed on Code.org is due the first day of classes, pending student schedule. Any late work will adhere to the school's approved late policy.

Assignment: Added, completed, and monitored through the Code.org Classroom created by Mr. Navarro.

Lesson 1: Episode 1 - Algorithms

Lesson 2: Episode 2 - Prototypes

Lesson 3: Episode 3 - Encryption

Lesson 4: Episode 4 - Digital Information

Lesson 5: Episode 5 - Simulations and Data

Lesson 6 - The Internet

Lesson 7 - Conditionals

Lesson 8 - Variables

Lesson 9 - Events

Lesson 10 - AI

Lesson 11 - Abstraction

Lesson 12 - Hardware