



Computer Science Graduation Pathway

Recommended Four-Year Graduation Plan

This pathway is designed to prepare students for careers in computer science, programming, AI, and related technology fields. Students will develop foundational knowledge in programming, problem-solving, artificial intelligence, and creative computing applications. The pathway equips students for both immediate entry-level opportunities and further education in computer science.

	9th Grade	10th Grade	11th Grade	12th Grade
ENGLISH	Literature Composition I	Literature Composition II OR Honors 10 Lit/Comp	Literature Composition III	SCC Composition 105/106 OR AP Literature & Composition
MATH	Algebra I or Geometry	Geometry or Algebra II	Algebra II or Pre-Calculus	Pre-Calculus or Calculus
SCIENCE	Environmental & Space Science or Accelerated Science	Biology	Chemistry, Physics, or AP Biology	Anatomy & Physiology, Chemistry, or Physics
SOCIAL STUDIES	Career & Character Exploration/World History	American History or AP US History	Contemporary US History or Modern World History	US Government & Politics, Sociology
CTE	Computer Science Principles	Python Fundamentals	Personal Finance AI in Our World	Creative Computer Sciences, KHS Work Study or Lee County CEO
FINE ARTS/PE/HEALTH	Drawing/Band/Choir Sports & Fitness	Drawing/Band/Choir Personal Strength	Digital Photography/Band/Choir Health	Digital Illustration/Band/Choir

SUGGESTED SUPPORTING ELECTIVES BY INTEREST

Programming & Development: Python Fundamentals, Creative Computer Sciences

Artificial Intelligence & Emerging Tech: AI in Our World

Career Readiness: Lee County CEO, Work-Based Learning

Business & Communication: Accounting I, Speech

World Languages: Spanish I, Spanish II