

**Elizabethtown Area School District
Scope & Sequence - Quick Reference**



Department: Computer Science

Course: Intro to Computer Science

Grade Level(s): 9-12

Course Description: This course introduces students to computer programming and provides experience in the high-level language Python by using it as a tool for solving complex mathematical and logistical problems. Some topics include standards of coding and formatting, mathematical modeling, randomization, built-in functions, cryptology, loops, atomic and composite data structures, recursion, decision statements, and game design. No prior programming experience is necessary.