

Foundations License

Recommended grade band: 6-10

Designed for middle & high school students, the Foundations License introduces concepts of computer science through our popular Cybersecurity/IT, Game Development and Web Development curriculum. These project-based learning courses enable your students to become proficient in HTML, CSS, JavaScript, p5.js and cybersecurity concepts while building a portfolio to showcase their work. This sets the stage for them to matriculate into higher level CS courses. This license includes access to all three of the following courses: Cybersecurity/IT Foundations, Web Development Foundations and Game Development Foundations.

Cybersecurity/IT Foundations

Explore security principles, cyberattacks, cryptography, IT essentials and careers in the explosive field of cybersecurity.

Grade Band: 6-10

Core Skills: Cryptography, principles of security, networks

Builds Portfolios: YES

STEM Aligned: YES

Includes Capstone Project: YES



Web Development Foundations

With no prior coding experience necessary, this course teaches the basics of web development. Using HTML for content, CSS for styling, and JavaScript to breathe life into their projects, students will create a digital portfolio of web pages.

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Core Skills: HTML, CSS, JavaScript

Builds Portfolios: YES

STEM Aligned: YES

Includes Capstone Project: YES

Game Development Foundations

By the end of this introductory game dev course, students will gain proficiency in JavaScript, processing, and computational thinking.

Grade Band: 6-10

Core Skills: 2D Animation, Javascript

Builds Portfolios: YES

STEM Aligned: YES

Includes Capstone Project: YES

