Foundations of Interactive Design
Georgia

Introduction to Computer Science in JavaScript	
	The CodeHS introduction to computer science curriculum teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem solving skills. Once students complete the CodeHS Introduction to Computer Science course, they will have learned material equivalent to a semester college introductory course in Computer Science and be able to program in JavaScript.
	Georgia Foundations of Interactive Design Standards Addressed
Grades 6-8	**MS-CS-FID-8.1:** Create game elements, backgrounds, and characters **MS- CS-FID-8.2:** Use scripting languages to create desired game mechanics, and to control the environment, user interface (UI), and character behaviors. **MS-CS-FID-8.3:** Plan, produce, and edit graphics and animations for game publication. **MS-CS-FID-9.1:** Create a test and debug plan. Resolve any issues and fix any errors that surface during the test and debug process.

Web Design	
	The CodeHS Web Design course is a project-based course that teaches students how to build their own web pages. Students will learn the languages HTML and CSS, and will create their own live homepages to serve as portfolios of their creations. By the end of this course, students will be able to explain how web pages are developed and viewed on the Internet, analyze and fix errors in existing websites, and create their very own multipage websites.
	Georgia Foundations of Interactive Design Standards Addressed
Grades 6-8	**MS-CS-FID-1:** Demonstrate employability skills required by business and industry and explore, research, and present careers in information technology. **MS-CS-FID-2:** Develop a plan to create, design, and build a website with digital content to a specific target market. **MS-CS-FID-3:** Design digital products that reveal a professional layout and look by applying design principles to produce professional quality digital products. **MS-CS-FID-4:** Create a single functional web page using a web development platform based on a design mockup and user requirements. **MS-CS-FID-5:** Develop and use a test plan to debug each new website version to ensure it runs as intended and meets the end-user requirements for a responsive site.