# 8th Grade Foundations of Interactive Design Syllabus 2025-2026

Teacher: Ms. ShaQuana Scott

School: Hephzibah Middle School

## Contact Information

Email : scottsh1@boe.richmond.k12.ga.us

Office Hours: 9am-10am

## Course Description

This course will provide an exploratory foundation in Computer Applications, and the design and development of websites and games. Standards should be taught in the order presented with the exception of Standard 1 being an embedded standard with ongoing learning regarding employability and career opportunities. Through integrated instructional activities, students will have opportunities to apply employability skills and to research possible career options in the information technology area. They will also complete many hands-on activities to build a strong foundation in designing interactive programs. Capstone projects should be incorporated at the completion of all standards as time allows. Students who successfully complete this course will be prepared for the following pathways upon entering high school: Web & Digital Design, Web Development, and Game Design.

## Course Standards

MS-CS-FID-1 Demonstrate employability skills required by business and industry.

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.

MS-CS-FID-6 Develop a plan to create, design, and build a game with digital content for a specific target market.

MS-CS-FID-7 Develop a visual model of a game using the Game Design Document (GDD).

MS-CS-FID-8 Create a functional game, using a game development platform, based on the storyboards, wireframes, and comprehensive layout.

MS-CS-FID-9 Develop a test plan to debug and use each time a version of the game is released to ensure it runs as intended and meets the end-user requirements.

MS-BMF-FBM-10 Examine how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, and competitive events.

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| Evaluation and Grading Grades will be based on the following components: - Class Participation - Assignments and Projects - Quizzes and Tests - Career Assessments - Group Activities and Presentations | Classroom Expectations - Be respectful to everyone. - Come prepared with necessary materials. - Participate actively in class activities. - Follow all school rules and procedures. - Complete assignments on time. 10-point deduction for each day late. | Consequences - Verbal Warning - Parent Contact - Detention or Loss of Privileges - Referral to Administration  **\*The order and type of consequences depends on the severity and nature of a violation.** |
| Supplies for Class - 3 Prong Folder - Pens and Pencils - Composition Book - Chromebook/Headphones - Planner or Agenda | Assignments Assignments will include: - Research Projects - Self-Assessment Activities - Group Presentations - Journals and Reflections - Goal Setting Exercises | Grading Scale A: 90-100  B: 80-89  C: 75-79  D: 70-74  F: 69 and below |

## Parent/Guardian Acknowledgment

I have read and understood the syllabus for 8th grade Foundations of Interactive Design. I acknowledge the expectations and requirements for this course.

Parent/Guardian Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Email\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Parent Phone #\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_