Kent City High School Curriculum Map for: Web Design

Duration	Unit Name/Content	Standards METS	Assessment	Literacy Activities	Skills
12 Days	**Unit 1:Designing and Planning Web Pages** Module 1: Basic Site Evaluation Module 2:Color Theory Module 3:Web Standards Module 4:Planning	9-12.CI.2, 3 Creativity and Innovation 9-12.CC Communication and Collaboration 9-12.RI.2 Research and Information Literacy 9-12.TC.1,3,5,6,7,9,10 Technology Operations and Concepts	-Develop a website evaluation tool -List of colors and rationale -5 reasons why to use standards -Questions on reading	Reading articles CLOSE readings	Read/process informational text Understand Web standards, color theory and how to plan a Website
Duration	Unit Name/Content	Standards METS	Assessment	Literacy Activities	Skills
15 Days	**Unit 2: Creating Pages with HTML** Module1: Pre-Coding Module 2: Basic HTML Markup Module 3: HTML Lists Module 4: Creating Links Module 5: Creating a Data Table Module 6: HTML Video Module 7: Reflection	9-12.CI.2 Creativity and Innovation (Create a web page) 9-12.CC Communication and Collaboration 9-12.RI.2 Research and Information Literacy 9-12.CT.1 Critical Thinking, Problem Solving, and Decision Making 9-12.TC.1,3,5,6,7,9,10 Technology Operations and Concepts	-Sketch of home page and folder structure -4 HTML page outlines -Index file with unordered list -Internal link -Jump to and email link -Data table	Reading articles CLOSE readings Jigsaw readings	Read/process informational text Able to create HTML - lists - links - data table - insert video
Duration	Unit Name/Content	Standards METS	Assessment	Literacy Activities	Skills
15 Days	**Unit 3: Formatting Web Pages with Style Sheets (CSS)** Module 1: Introduction to CSS Module 2: Color in CSS Module 3: Typography Module 4: Box Model Module 5: Role of IDs/Classes Module 6: Page Layout Module 7: Reflection	9-12.CI.2 Creativity and Innovation (Create a web page) 9-12.CC Communication and Collaboration 9-12.CT.1 Critical Thinking, Problem Solving, and Decision Making 9-12.TC.1,3,5,6,7,9,10 Technology Operations and Concepts	-Index file with style tags -Using CSS to style all pages -Table with style -Index file with 2 columns -Page layout with CSS - Create IDs/Classes	Reading articles CLOSE readings	Read/process informational text Use CSS to style/create - Text - Color pages - Ids and classes - Create a page layout

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20 Days	**Unit 4: Graphics** Module 1: Introduction Module 2: Creating a Web Photo Album Module 3: Creating a button Module 4: Creating a Web Page Banner Module 5: Reflections	9-12.CI.2 Creativity and Innovation (Create a web page) 9-12.CC Communication and Collaboration 9-12.RI.2 Research and Information Literacy 9-12.DC.5,6 Digital Citizenship 9-12.TC.1,3,5,6,7,9,10 Technology Operations and Concepts	-Copyright questions -Acquire images for Web -Cropping/resizing -Creating buttons in Photoshop -Create a banner in Photoshop -Insert images, buttons, and banner into website	Reading articles CLOSE readings Jigsaw readings	Read/process informational text Understanding copyright as it relates to Websites Creating/manipulating images in Photoshop Uses HTML/CSS to insert and format graphics in a website
Duration	**Unit Name/Content**	**Standards** **METS**	**Assessment**	**Literacy Activities**	**Skills**
10 Days	**Unit 5: Scripting** Module 1: Overview of Scripting Module 2: JavaScript Module 3: Reflections	9-12.CI.2 Creativity and Innovation (Create a web page) 9-12.CC Communication and Collaboration 9-12.RI.2 Research and Information Literacy 9-12.CT.1 Critical Thinking, Problem Solving, and Decision Making 9-12.TC.1,3,5,6,7,9,10 Technology Operations and Concepts	-Create a javascript alert -Javascript errors and debugging -Build a javascript clock -Enhance clock by adding javascript features - Show/hide clock	Reading articles CLOSE readings	Read/process informational text Use JavaScript to - create an alert - build a clock - add clock features - show/hide clock Check JavaScript for errors and debug
Duration	**Unit Name/Content**	**Standards** **METS**	**Assessment**	**Literacy Activities**	**Skills**
20 Days	**Unit 6: Application/Final Project** **Practice for Final Exam**	9-12.CI.2 Creativity and Innovation (Create a web page) 9-12.CC Communication and Collaboration 9-12.RI.2 Research and Information Literacy 9-12.CT.1 Critical Thinking, Problem Solving, and Decision Making 9-12.DC.5,6 Digital Citizenship 9-12.TC.1,3,5,6,7,9,10 Technology Operations and Concepts	Final Project - Create a website from start to finish using HTML, CSS, and JavaScript Final Exam	Reading articles CLOSE readings	Read/process informational text Apply knowledge in - HTML - CSS - JavaScript