Everett Public Schools Framework: Web Design

Course: Webpage/Digital/Multimedia and Information Design	**Total Framework Hours:** 90 Hours
CIP Code: 110801	**Type:** Preparatory
Career Cluster: Information Technology	**Date Last Modified:** Thursday, January 23, 2014

Resources and Standard used in Framework Development:

Standards used for this framework are from the OSPI Model Framework for 110801 Webpage/Digital/Multimedia and Information Design

Unit 1 WEB STANDARDS	Hours: 5

Performance Assessment(s):

Topics Covered:
Web Standards, Terminology, Ettiquette, Netiquette, Basic Computer Science, Web Design as a Career

Formative Assessments:
Netiquette Online quiz
Ettiquette Worksheets
Vocabulary Worksheet
Nettiquette Powerpoint

Summative Assessment:
Web Design and Computer Science Test

Leadership Alignment:

TSA High School Webmaster Design Project

Make Judement and Decisions
2.C.1 Effectively analyze and evaluate evidence, arguments, claims and beliefs
2.C.3 Synthesize and make connections between information and arguments

Communicate Clearly
3.A.2 Listen effectively to decipher meaning, including knowledge, values, attitudes and intentions
3.A.4 Uilize multiple media and technologies, and know how to judge their effectiveness a priori as well as assess their impact

Standards and Competencies

Standard: Acceptable Use Policies
Technical Skills
   - Internet search (optional)
Research and Communication Skills
   - Responsibilities of Internet use
NWCET
   - Discuss legal issues associated with locating and retrieving information from the internet
   - Understand Acceptable Use Policy, copyright and Fair Use Laws
   - Utilize information from electronic communication sources
Standard: Copyright, Internet and Browsers

Technical Skills
- Browsers (optional)
- Search Engines
Research and Communication Skills
- Responsibilities of Internet use
- History of the Internet (optional)
NWCET
- Compare/contrast the features of two major Internet browsers (Internet Explorer and Communicator)
- Explain the history, structure, and relevance of the Internet
Standard: Safety
- Describe safety practices and procedures to be followed when working with and around electricity

Aligned to Washington State Standards
Arts
Communication - Speaking and Listening
CC: College and Career Readiness Anchor Standards for Speaking and Listening
2 - Integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally.
Health and Fitness
Language
Mathematics
Reading
CC: Reading for Literacy in Science and Technical Subjects
Key Ideas and Details (9-10)
2 - Determine the central ideas or conclusions of a text; trace the text's explanation or depiction of a complex process, phenomenon, or concept; provide an accurate summary of the text.

Science

Social Studies

Writing

21st Century Skills

LEARNING AND INNOVATION

Creativity and Innovation
- ☐ Think Creatively
- ☐ Work Creatively with Other
- ☐ Implement Innovations

Creative Thinking and Problem Solving
- ☑ Reason Effectively
- ☐ Use Systems Thinking
- ☑ Make Judgements and Decisions
- ☐ Solve Problems

Communication and Collaboratio
- ☑ Communicate Clearly
- ☐ Collaborate with Others

INFORMATION, MEDIA AND TECHNOLOGY SKILLS

Information Literacy
- ☑ Access and Evaluate Information
- ☑ Use and Manage Information

Media Literacy
- ☑ Analyze Media
- ☐ Create Media Products

Information, Communications, and Technology (ICT Literacy)
- ☑ Apply Technology Effectively

LIFE AND CAREER SKILLS

Flexibility and Adaptability
- ☐ Adapt to Change
- ☑ Be Flexible

Initiative and Self-Direction
- ☐ Mange Goals and Time
- ☐ Work Independently
- ☑ Be Self-Directed Learners

Social and Cross-Cultural
- ☐ Interact Effectively with Other
- ☐ Work Effectively in Diverse Teams

Productivity and Accountability
- ☐ Manage Projects
- ☐ Produce Results

Leadership and Responsibility
- ☐ Guide and Lead Others
- ☐ Be Responsible to Others

Unit 2 BASIC HTML	Hours: 15

Performance Assessment(s):

Topics Include:
Headings, Paragraphs, Attributes, Links, Images, Tables, Colors, Layout, Lists, Backgrounds, File, Text, Management, and Setup

Formative Assessment:
Practice Websites
Tutorials

Summative Assessment:
My First Website (5 pages - home, about, favorites, bio, other)

Leadership Alignment:

TSA High School Webmaster Design Project

Think Creatively
1.A.1 Use a wide range of idea creation techniques (such as brainstorming)
1.A.2 Create new and worthwhile ideas (both incremental and radical concepts)
1.A.3 Elaborate, refine, analyze and evaluate their own ideas in order to improve and maximize creative efforts

Use Systems Thinking
2.B.1 Analyze how parts of a whole interact with each other to produce overall outcomes in complex systems

Standards and Competencies

Standard: HTML/CSS/JAVA
Project and Process Management Skills
- Launch HTML document in a browser
- Apply basic debugging techniques
- Create tables, lists, formatting, links, backgrounds, images, sound in HTML code
- Identify HTML tags and syntax in accordance with W3C standards
- Describe using tables for page layout and tabular data
- Create anchors, absolute, and relative hypertext links
- Employ appropriate tags to incorporate multimedia components
- Identify various browsers and their associated operating systems
- Apply design debugging techniques
Technical Skills
- Browsers (optional)
- HTML code
Standard: Project Management and Timeline
Project and Process Management Skills
- Write and follow a task list and schedule
- Collaboratively build a project plan
Design Skills
- Working with images and thumbnails
- Arranging text with images

Technical Skills
- Aligning images in a table
- Working with the site map
- Optimizing and sizing photographs

Research and Communication Skills
- Develop appropriate captions for images
- Appropriate use of text

Aligned to Washington State Standards

Arts

Communication - Speaking and Listening

CC: College and Career Readiness Anchor Standards for Speaking and Listening

Presentation of Knowledge and Ideas

4 - Present information, findings, and supporting evidence such that listeners can follow the line of reasoning and the organization, development, and style are appropriate to task, purpose, and audience.

5 - Make strategic use of digital media and visual displays of data to express information and enhance understanding of presentations.

Health and Fitness

Language

Mathematics

Reading

Science

Social Studies

Writing

CC: Writing for Literacy in History/Social Studies, Science, and Technical Subjects (9-10)

Production and Distribution of Writing

4 - Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

6 - Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.

Research to Build and Present Knowledge

8 - Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation.

21st Century Skills

LEARNING AND INNOVATION

Creativity and Innovation
- ☑ Think Creatively
- ☐ Work Creatively with Other
- ☐ Implement Innovations

Creative Thinking and Problem Solving
- ☑ Reason Effectively
- ☑ Use Systems Thinking
- ☑ Make Judgements and Decisions
- ☑ Solve Problems

Communication and Collaboratio
- ☑ Communicate Clearly
- ☐ Collaborate with Others

INFORMATION, MEDIA AND TECHNOLOGY SKILLS

Information Literacy
- ☐ Access and Evaluate Information
- ☐ Use and Manage Information

Media Literacy
- ☐ Analyze Media
- ☑ Create Media Products

Information, Communications, and Technology (ICT Literacy)
- ☐ Apply Technology Effectively

LIFE AND CAREER SKILLS

Flexibility and Adaptability
- ☐ Adapt to Change
- ☑ Be Flexible

Initiative and Self-Direction
- ☐ Mange Goals and Time
- ☑ Work Independently
- ☐ Be Self-Directed Learners

Social and Cross-Cultural
- ☐ Interact Effectively with Other
- ☐ Work Effectively in Diverse Teams

Productivity and Accountability
- ☑ Manage Projects
- ☑ Produce Results

Leadership and Responsibility
- ☐ Guide and Lead Others
- ☐ Be Responsible to Others

Unit 3 CSS	Hours: 5

Performance Assessment(s):

Topics Covered Include:
Cascading Style Sheets, Integration of CSS with HTML, Style Sheet, Embedded CSS

Formative Assessments:
Tutorials
Using Informational Text

Summative Assessment:
CSS Production Test

Leadership Alignment:

TSA High School Webmaster Design Projects

Reason Effectively
2.A.1 Use various types of reasoning (inductive, deductive, etc.) as appropriate to the situation

Think Creatively
1.A.3 Eaborate, refine, analyze and evaluate their own ideas in order to improve and maximize creative efforts

Standards and Competencies

Standard: HTML/CSS/JAVA
- Define CSS in accordance with W3C standards
- Demonstrate CSS syntax
- Differentiate between in-line, internal, and external style sheets
- Explain the importance of class, id, div, span attributes
- Differentiate between relative and absolute positioning

Technical Skills
- CSS

Aligned to Washington State Standards

Arts

Communication - Speaking and Listening

Comprehension and Collaboration (9-10)

1 - Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.

   1a - Come to discussions prepared, having read and researched material under study; explicitly draw on that preparation by referring to evidence from texts and other research on the topic or issue to stimulate a thoughtful, well-reasoned exchange of ideas.

5 - Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.

Health and Fitness
Language
Mathematics
Reading
Science
Social Studies
Writing

21st Century Skills

LEARNING AND INNOVATION

Creativity and Innovation
- ☑ Think Creatively
- ☐ Work Creatively with Other
- ☐ Implement Innovations

Creative Thinking and Problem Solving
- ☑ Reason Effectively
- ☐ Use Systems Thinking
- ☑ Make Judgements and Decisions
- ☑ Solve Problems

Communication and Collaboratio
- ☐ Communicate Clearly
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INFORMATION, MEDIA AND TECHNOLOGY SKILLS

Information Literacy
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- ☑ Apply Technology Effectively

LIFE AND CAREER SKILLS

Flexibility and Adaptability
- ☐ Adapt to Change
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Initiative and Self-Direction
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- ☐ Work Independently
- ☑ Be Self-Directed Learners

Social and Cross-Cultural
- ☐ Interact Effectively with Other
- ☐ Work Effectively in Diverse Teams

Productivity and Accountability
- ☐ Manage Projects
- ☐ Produce Results

Leadership and Responsibility
- ☐ Guide and Lead Others
- ☐ Be Responsible to Others

Unit 4 GRAPHICS	Hours: 15

Performance Assessment(s):

Topics Include:
Layers, Image Manipulation, Selection, Tools, Storyboarding, Projects, Critiquing Skills, Graphics Layout, Web Design Layout, Navigation Design, Web Friendly Typography, Color Scheme

Formative:
Photoshop Tutoruials - Layers, Image Manipulation, Selection
Storyboarding
Project Planning
Critiquing: Round Robin

Summative:
Banner Ad project
One Page Photoshop Web Design Template/Mockup

Leadership Alignment:

TSA High School Webmaster Design Project

Think Creatively
1.A.1 Use a wide range of idea creation techniques (such as brainstorming)
1.A.2 Create new and worthwhile ideas (both incremental and radical concepts)
1.A.3 Eaborate, refine, analyze and evaluate their own ideas in order to improve and maximize creative efforts

Communicate Clearly
3.A.1 Articulate thoughts and ideas effectively using oral, written and nonverbal communication skills in a variety of forms and contexts
3.A.3 Use communication for a range of purposes (e.g. to inform, instruct, motivate and persuade)
3.A.4 Utilize multiple media and technologies, and know how to judge their effectiveness a priori as well as assess their impact

Standards and Competencies

Standard: Basic Principles of Graphic Design
Project and Process Management Skills
    - Project Planning
    - Storyboarding
    - File management and naming conventions
    - Copyright and image standard practices
Design Skills
    - Identify and correctly use type families (e.g. old style, serif, san serif, script, modern, decorative)
    - Explain additive and subtractive color (e.g. RGB and CMYK)
    - Apply psychology of color to projects
    - Use the selected media skillfully, editing appropriately and monitoring for quality
Research and Communication Skills
    - Graphics file types
NWCET
    - Investigate and apply effective communication components for an effective web page
    - Research the impact of the digital design web page and implications for having a successful web presence

- Infuse original design and graphics where layout is functionally sound

Standard: Image Use

Technical Skills

   - Import/create images

   - Layers

   - Working with images

Standard: Review/Revision and Feedback

Project and Process Management Skills

   - Providing constructive criticism

Design Skills

   - Usability

   - Accessibility

   - Navigation techniques and consistency

   - Layout for readability and emphasis

   - Links functionality and accessibility

Research and Communication Skills

   - Providing meaningful, but not overly critical feedback

Aligned to Washington State Standards

Arts

Communication - Speaking and Listening

CC: College and Career Readiness Anchor Standards for Speaking and Listening

Comprehension and Collaboration

2 - Integrate and evaluate information presented in diverse media and formats, including visually, quantitatively, and orally.

Presentation of Knowledge and Ideas

5 - Make strategic use of digital media and visual displays of data to express information and enhance understanding of presentations.

Health and Fitness

Language

Mathematics

CC: Mathematical Practices (MP)

1 - Make sense of problems and persevere in solving them.

5 - Use appropriate tools strategically.

6 - Attend to precision.

Reading
Science
Social Studies
Writing

21st Century Skills

LEARNING AND INNOVATION

Creativity and Innovation
- ☑ Think Creatively
- ☐ Work Creatively with Other
- ☐ Implement Innovations

Creative Thinking and Problem Solving
- ☑ Reason Effectively
- ☐ Use Systems Thinking
- ☑ Make Judgements and Decisions
- ☑ Solve Problems

Communication and Collaboratio
- ☑ Communicate Clearly
- ☑ Collaborate with Others

INFORMATION, MEDIA AND TECHNOLOGY SKILLS

Information Literacy
- ☑ Access and Evaluate Information
- ☐ Use and Manage Information

Media Literacy
- ☑ Analyze Media
- ☑ Create Media Products

Information, Communications, and Technology (ICT Literacy)
- ☑ Apply Technology Effectively

LIFE AND CAREER SKILLS

Flexibility and Adaptability
- ☐ Adapt to Change
- ☑ Be Flexible

Initiative and Self-Direction
- ☑ Mange Goals and Time
- ☑ Work Independently
- ☑ Be Self-Directed Learners

Social and Cross-Cultural
- ☐ Interact Effectively with Other
- ☐ Work Effectively in Diverse Teams

Productivity and Accountability
- ☑ Manage Projects
- ☑ Produce Results

Leadership and Responsibility
- ☐ Guide and Lead Others
- ☐ Be Responsible to Others

Unit 5 JAVA SCRIPT	Hours: 5

Performance Assessment(s):

Topics include:
Introduction to Language, Editing and Modifying, Functions

Formative Assessments:
Make it Snow
Puzzles

Summative Assessment:
Interactive Photo Album

Leadership Alignment:

TSA High School Webmaster Design Project

Use Systems Thinking
2.B.1 Analyze how parts of a whole interact with each other to produce overall outcomes in complex systems

Reason Effectively
2.A.1 Use various types of reasoning (inductive, deductive, etc.) as appropriate to the situation

Standards and Competencies

Standard: HTML/CSS/JAVA
Project and Process Management Skills
    - Summarize JavaScript syntax and the placement of code
    - Define objects, properties and methods
    - Implement common JavaScript (pop-up windows, rollovers, slideshow arrays, form verifications)
    - Create and link external JavaScript page to website
    - Apply JavaScript debugging techniques
Technical Skills
    - JAVA

Aligned to Washington State Standards

Arts

Communication - Speaking and Listening

Health and Fitness

Language

Mathematics

Reading

CC: Reading for Literacy in Science and Technical Subjects

Craft and Structure (9-10)

4 - Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 9–10 texts and topics.

Integration of Knowledge and Ideas (9-10)

7 - Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words.

Science

Social Studies

Writing

CC: Writing for Literacy in History/Social Studies, Science, and Technical Subjects (9-10)

Production and Distribution of Writing

6 - Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.

21st Century Skills

LEARNING AND INNOVATION

Creativity and Innovation
- ☑ Think Creatively
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Information, Communications, and Technology (ICT Literacy)
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LIFE AND CAREER SKILLS

Flexibility and Adaptability
- ☐ Adapt to Change
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Initiative and Self-Direction
- ☑ Mange Goals and Time
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- ☐ Be Self-Directed Learners

Social and Cross-Cultural
- ☐ Interact Effectively with Other
- ☐ Work Effectively in Diverse Teams

Productivity and Accountability
- ☑ Manage Projects
- ☑ Produce Results

Leadership and Responsibility
- ☐ Guide and Lead Others
- ☐ Be Responsible to Others

Unit 6 CSS ANIMATIONS	Hours: 10

Performance Assessment(s):

Topics include:
2D Transformations, Animations

Formative Assessments:
2D Transformation
Animation

Summative Assessment:
Banner Advertisement Animation (from Graphics Unit)

Leadership Alignment:

TSA High School Webmaster Design Project

Think Creatively
1.A.1 Use a wide range of idea creation techniques (such as brainstorming)
1.A.2 Create new and worthwhile ideas (both incremental and radical concepts)
1.A.2 Elaborate, refine, analyze and evaluate their own ideas in order to improve and maximize creative efforts

Make Judgements and Decisions
2.C.4 Interpret information and draw conclusions based on the best analysis
2.C.5 Reflect critically on learning experiences and processes

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Standards and Competencies

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Standard: HTML/CSS/JAVA
   - Demonstrate CSS syntax
Technical Skills
   - CSS
Standard: Animation Audio/Video and Publishing
Design Skills
   - Designing a custom experience
   - Developing storyboards that are thorough and accurate
Technical Skills
   - Animation methods
   - Publishing
NWCET
   - Create digital images and animation for web presence

Aligned to Washington State Standards
Arts
Communication - Speaking and Listening
Health and Fitness
Language
Mathematics
Reading
CC: Reading for Literacy in Science and Technical Subjects
Craft and Structure (9-10)
4 - Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 9–10 texts and topics.
Integration of Knowledge and Ideas (9-10)
7 - Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words.
Science
Social Studies
Writing
CC: Writing for Literacy in History/Social Studies, Science, and Technical Subjects (9-10)
Production and Distribution of Writing
6 - Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.

21st Century Skills

LEARNING AND INNOVATION

Creativity and Innovation
- ☑ Think Creatively
- ☐ Work Creatively with Other
- ☐ Implement Innovations

Creative Thinking and Problem Solving
- ☑ Reason Effectively
- ☑ Use Systems Thinking
- ☑ Make Judgements and Decisions
- ☑ Solve Problems

Communication and Collaboratio
- ☐ Communicate Clearly
- ☐ Collaborate with Others

INFORMATION, MEDIA AND TECHNOLOGY SKILLS

Information Literacy
- ☑ Access and Evaluate Information
- ☑ Use and Manage Information

Media Literacy
- ☐ Analyze Media
- ☑ Create Media Products

Information, Communications, and Technology (ICT Literacy)
- ☑ Apply Technology Effectively

LIFE AND CAREER SKILLS

Flexibility and Adaptability
- ☐ Adapt to Change
- ☑ Be Flexible

Initiative and Self-Direction
- ☑ Mange Goals and Time
- ☑ Work Independently
- ☑ Be Self-Directed Learners

Social and Cross-Cultural
- ☐ Interact Effectively with Other
- ☐ Work Effectively in Diverse Teams

Productivity and Accountability
- ☑ Manage Projects
- ☑ Produce Results

Leadership and Responsibility
- ☐ Guide and Lead Others
- ☐ Be Responsible to Others

Unit 7 DREAMWEAVER	Hours: 35

Performance Assessment(s):

Topics Include:
Importing Graphics, User Interace, Document Setup, Shortcuts, Dreamweaver Tools, Client Relationship, Demographic Research, Concept Prototypes, Identiy Project Objectives in Accordance with Client Requirements

Formative Assessments:
Dreamweaver Tutorials
Importing Photoshop Graphics w/ Respect to Dimensions
Interactive Text/Buttons

Summative Assessments:
Individual Dreamweaver Project - Existing Client (Restaurant, TV Show, Video Game, Sports Team)
Team Project - New Client (Community Organization, High School Club, Small Business, Non-Profit, etc)

Leadership Alignment:

TSA High School Webmaster Design Project

Work Creatively with Others
1.B.1 Dvelop, implement and communicate new ideas to others effectively
1.B.2 Be open and responsive to new and diverse perspectives; incorporate group input and feedback into the work
1.B.3 Demonstrate originality and inventiveness in work and understand the real world limits

Solve Problems
2.D.1 Solve different kinds of non-familiar problems in both conventional and innovative ways
2.D.2 Ientify and ask significant questions that clarify various points of view and lead to better solutions

Collaborate with Others
3.B.1 Demonstrate ability to work effectively and respectfully with diverse teams
3.B.2 Exercise flexibility and willingness to be helpful in making necessary compromises to accomplish a common goal
3.B.3 Assume shared responsibility for collaborative work, and value the individual contributions made by each team member

Standards and Competencies

Standard: HTML/CSS/JAVA
Project and Process Management Skills
- Work with multiple HTML coding applications
- Apply basic debugging techniques
- Create tables, lists, formatting, links, backgrounds, images, sound in HTML code
- Implement interactivity using a form
- Demonstrate CSS syntax
- Define objects, properties and methods
- Implement common JavaScript (pop-up windows, rollovers, slideshow arrays, form verifications)
- Apply JavaScript debugging techniques
Technical Skills
- HTML code
- CSS
- JAVA

NWCET
- Select programming languages, design tools and applications
Standard: Portfolio Development
Project and Process Management Skills
Technical Skills
- Layout
- Creating a root folder and site
- Tables
- Inserting images and text
- Links – relative and absolute
- Alt Tags
- Importing
- Interactive images
- Text
- Alignment
- Buttons
- Head section
- Formatting tags
- Layout tags
- Backgrounds
- Email
- Columns and borders
Research and Communication Skills
- Content validity investigation
- Navigation web investigation
- Design a quality assurance test
- Include copyright information for images
NWCET
- Plan and create a storyboard for project with checkpoints and layout for preliminary design
- Understand, create and apply navigation links, ideas and concepts
- Develop a web that focuses on user-centered design of site visually organized with graphics, text, and hyperlinks
- Create text that is readable and appropriately sixed for the Internet
Standard: Project Management and Timeline
Project and Process Management Skills
- Collaboratively build a project plan
- Storyboarding
Design Skills
- Arranging text with images
- Creating a prototype
- Creating directory structure for images
Technical Skills
- Working with the site map
- Optimizing and sizing photographs
Research and Communication Skills

- Collaborate to define a project plan
- Develop appropriate captions for images
- Appropriate use of text

NWCET
- Gather data to identify customer requirements and capacity

Standard: Review/Revision and Feedback

Project and Process Management Skills
- Create a mechanism to review a website for required elements
- Providing constructive criticism

Design Skills
- Usability
- Accessibility
- Navigation techniques and consistency
- Layout for readability and emphasis
- Links functionality and accessibility

Research and Communication Skills
- Presenting a website to a group
- Providing meaningful, but not overly critical feedback

NWCET
- Communicate and learn how to give/take constructive criticism
- Produce business and personal presentations using technology
- Complete projects that involve critical thinking and teacher facilitation
- Evaluate and recommend optimization and improvements

Standard: Teamwork

Project and Process Management Skills
- Create a web design for a customer
- Develop a project plan
- Define and research audience and mission of project/product
- Identify reliable and current sources of requirements
- Complete and prioritize features and functions of the product
- Identify project objectives in accordance with applicable procedures
- Identify scope and specifics of work
- Identify criteria for successful completion of work
- Ensure mockup is completed in a timely manner
- Identify website goals
- Define website audience

Design Skills
- Create designs that meet client requirements
- Provide multiple design ideas
- Create visual comps

Technical Skills
- Template

Research and Communication Skills
- Ask questions to focus and clarify

- Communicate ideas clearly
- Listen and interpret information and feedback
- Finalize design with the client

NWCET

- Create a team and assign various tasks with deadlines for projects
- Team with others to generate web presence for a school-related or non-profit organization
- Demonstrate proficiency in oral and visual communication skills
- Identify and apply design concepts for presentations

Aligned to Washington State Standards

Arts

Communication - Speaking and Listening

Health and Fitness

Language

Mathematics

Reading

CC: Reading Informational Text

Integration of Knowledge and Ideas (11-12)

7 - Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.

CC: Reading for Literacy in Science and Technical Subjects

Integration of Knowledge and Ideas (9-10)

7 - Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words.

Integration of Knowledge and Ideas (11-12)

7 - Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., quantitative data, video, multimedia) in order to address a question or solve a problem.

Science

Social Studies

Writing

CC: Writing for Literacy in History/Social Studies, Science, and Technical Subjects (11-12)

Production and Distribution of Writing

4 - Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

5 - Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.

6 - Use technology, including the Internet, to produce, publish, and update individual or shared writing products in response to ongoing feedback, including new arguments or information.

21st Century Skills

LEARNING AND INNOVATION

Creativity and Innovation
- ☑ Think Creatively
- ☑ Work Creatively with Other
- ☑ Implement Innovations

Creative Thinking and Problem Solving
- ☑ Reason Effectively
- ☑ Use Systems Thinking
- ☑ Make Judgements and Decisions
- ☑ Solve Problems

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- ☑ Communicate Clearly
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INFORMATION, MEDIA AND TECHNOLOGY SKILLS

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Media Literacy
- ☑ Analyze Media
- ☑ Create Media Products

Information, Communications, and Technology (ICT Literacy)
- ☑ Apply Technology Effectively

LIFE AND CAREER SKILLS

Flexibility and Adaptability
- ☑ Adapt to Change
- ☑ Be Flexible

Initiative and Self-Direction
- ☑ Mange Goals and Time
- ☑ Work Independently
- ☑ Be Self-Directed Learners

Social and Cross-Cultural
- ☑ Interact Effectively with Other
- ☑ Work Effectively in Diverse Teams

Productivity and Accountability
- ☑ Manage Projects
- ☑ Produce Results

Leadership and Responsibility
- ☑ Guide and Lead Others
- ☑ Be Responsible to Others