Standard 1: Creativity and Innovation

*Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.*

**Students will be able to:**

- **WPA.1.1** Apply existing knowledge to generate new web page designs, or web sites.
- **WPA.1.2** Create original web sites as a means of personal or group expression and communication.
- **WPA.1.3** Use models and examples to explore complex HTML code and browser compatibility issues.
- **WPA.1.4** Identify trends in web design and forecast possible changes and solutions.

Standard 2: Communication and Collaboration

*Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.*

**Students will be able to:**

- **WPA.2.1** Interact, collaborate, and publish with peers, experts, or others employing a industry standard applications and media.
- **WPA.2.2** Communicate information and ideas effectively to multiple audiences using a variety of web based formats.
- **WPA.2.3** Contribute to project teams to produce original web sites or solve problems.

Standard 3: Research and Information Fluency

*Students apply digital tools to gather, evaluate, and use information.*

**Students will be able to:**

- **WPA.3.1** Plan strategies to guide design and coding issues.
- **WPA.3.2** Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.
- **WPA.3.3** Evaluate and select information sources and digital tools based on the appropriateness to specific web design tasks.
- **WPA.3.4** Process data and report results.
### Standard 4: Critical Thinking, Problem Solving, and Decision Making

*Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources.*

**Students will be able to:**

- **WPA.4.1** Identify and define authentic web design problems and significant questions for investigation.
- **WPA.4.2** Plan and manage activities to develop a solution to a design problem or complete a website.
- **WPA.4.3** Collect and analyze data to identify solutions and/or make informed decisions about web site design.
- **WPA.4.4** Use multiple processes and diverse perspectives to explore alternative solutions to web design.

### Standard 5: Digital Citizenship

*Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior.*

**Students will be able to:**

- **WPA.5.1** Advocate and practice safe, legal, and responsible use of information and technology.
- **WPA.5.2** Exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity.
- **WPA.5.3** Demonstrate personal responsibility for lifelong learning.

### Standard 6: Technology Operations and Concepts

*Students demonstrate a sound understanding of technology concepts, systems, and operations.*

**Students will be able to:**

- **WPA.6.1** Understand and use technology systems to plan, design and evaluate web design.
- **WPA.6.2** Select and use applications effectively and productively.
- **WPA.6.3** Troubleshoot systems and applications.
- **WPA.6.4** Transfer current knowledge to learning of new web based technologies.