## Big Ideas/Key Concepts: Internet, World Wide Web, new technologies, ethical issues, HTML

<table>
<thead>
<tr>
<th>Standards</th>
<th>Student Friendly “I Can” Statements</th>
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| **Standard 1.0**                               | - I can Illustrate the relationship of Web related terms to Web design and software applications.  
- I can Navigate successfully between uniform resource locator links.  
- I can Evaluate and apply standard path/file name structure.  
- I can explain new technologies.                                                                 |

Demonstrate knowledge of the Internet and various terms, tools, and utilities associated with the World Wide Web.

| **Standard 2.0**                               | - I can Identify and evaluate current uses of the Internet for business and communication.  
- I can explain the advantages and disadvantages of electronic commerce as a business tool.  
- I understand the different approaches to electronic commerce.  
- I can analyze the changing nature of business.                                                                 |

Evaluate the use and effectiveness of various types of Web technologies—as evolving new media—from a business and communication perspective.

| **Standard 8.0**                               | - I can Illustrate how computers are connected (both wireless and physical) to form a local area network (LAN).  
- I can Differentiate between peer-to-peer and server-based networks.  
- I can explain the considerations involved in implementing servers in peer-to-peer and server-based networks. |

Examine characteristics, components, and functions of basic network designs.

| **Standard 3.0**                               | - I can Evaluate the concepts of ethics and integrity as related to the business environment.  
- I can Balance employee privacy rights with employer obligations to provide a safe working and professional environment.  
- I can Demonstrate proper etiquette and knowledge of acceptable use policies when using networks, the Internet, and an intranet.  
- I can Model respect of electronic property when manipulating, morphing, or editing graphics, video, text and sound.  
- I can Examine copyright laws and issues.  
- I can Model the ethical acquisition and use of digital information; |

Demonstrate an awareness of the social, legal, ethical, safety, and personal issues in conjunction with Web design, the Internet, and the World Wide Web.
| Standard 7.0 | I can practice established methods to cite sources.
  
  • I can Assess electronic commerce Web security, including secure sockets layer, Hypertext Transfer Protocol Secure, encryption key, digital certificate, spoofing, firewall, digital cash, and smart cards.
  
  • I can Discuss threats to personal safety and welfare in use of the World Wide Web and related technologies.

| Explore the changing dynamics of markup languages. | I can explain the history of changing aspects of markup languages, such as SGML, HTML, XHTML, DHTML and Structuring Data with XML. I know how to Increase Web site traffic through the use of Internet browsers and search engines. I can Incorporate the use of dynamic features. |

| Standard: 4.0 | I can Manipulate markup language tags, according to W3C standards, to produce text, graphics, hyperlinks, tables, forms, and multimedia on a Web page. I can Format text, graphics, hyperlinks, tables, forms, and multimedia using the appropriate markup language tags and Web design techniques to enhance the look of a Web page. I can Analyze the use of graphic images in Web Design. I can Insert inline graphics, resize graphics, create graphic links, and set hot spots using markup language tags. I can Insert multimedia files, including MIDI, MP3, and video streaming using markup language tags. |

| Demonstrate the ability to manipulate Web page markup language text, graphics, hyperlinks, tables, forms, and multimedia according to W3C (World Wide Web Consortium) standards. | I can Manipulate markup language tags, according to W3C standards, to produce text, graphics, hyperlinks, tables, forms, and multimedia on a Web page. I can Format text, graphics, hyperlinks, tables, forms, and multimedia using the appropriate markup language tags and Web design techniques to enhance the look of a Web page. I can Analyze the use of graphic images in Web Design. I can Insert inline graphics, resize graphics, create graphic links, and set hot spots using markup language tags. I can Insert multimedia files, including MIDI, MP3, and video streaming using markup language tags. |