

Technology

Web Design 8 elective

2011

Nature of Technology	Technology and Society Interaction	Technology for Productivity Applications	Technology and Communications Applications
<p>Definition: Students learn that technology is exponential, driven by history, design, and commercialization shaped by need, creative/inventive thinking, economic factors and cultural influences.</p>	<p>Definition: Students recognize and understand the impact technology has on society and history. Students engage in ethical use of technology</p>	<p>Definition: Students learn the operation of technology through the use of technology and productivity tools.</p>	<p>Definition: Students use an array of technologies and apply design concepts to communicate with multiple audiences, acquire and disseminate information and enhance learning.</p>
<p>Indicators: 1. Recognize the dynamic evolution of Internet technologies and devices</p>	<p>Indicators: 2. Demonstrate responsible digital citizenship with all technologies 3. Identify the establishment and evolution of the Internet and World Wide Web</p>	<p>Indicators: 4. Demonstrate the use of web content editors (code based and WYSIWYG) to design and publish public access web-pages 5. Modify or create graphics suitable for web pages</p>	<p>Indicators: 6. Combine web documents to build a website</p>

Technology and Information Literacy	Design	Designed World
<p>Definition: Students engage information literacy strategies, use the Internet technology tools and resources, and apply information management skills to answer questions and expand knowledge.</p>	<p>Definition: Students apply problem- solving strategies demonstrating the nature of design, the role of engineering, and the role of assessment.</p>	<p>Definition: Students understand their role in the designed world.</p>
<p>Indicators: 7. Analyze the interrelationship of web-based languages 8. Identify web standards and research new ways they are implemented</p>	<p>Indicators: 9. Understand and use basic web languages to create web content 10. Use design principles to create visually aesthetic web content for an intended audience 11. Design and construct a website with clear text and graphic links both global and local</p>	<p>Indicators: 12. Explain the role and responsibilities web designers and developers have in creating valid and reliable web content for the world</p>