

# Internet/World Wide Web Overview

Grades: 7<sup>th</sup> and 8<sup>th</sup>

Length of Class: 10 weeks

Number of students: Depends on the number of available computers

Description: Students will learn how to safely and effectively use Internet tools for personal and academic use. They will explore web design principles and create their own web sites; learn how search engines work and use them to effectively conduct online research; learn about collaborative telecommunication tools such as e-mail, blogs, and wikis; learn how to be safe and secure in an online world

Skill	Possible Projects	Software Needs	Hardware Needs
Web design principles	Evaluate existing web sites for effectiveness of design	Internet Explorer	Computer with Internet access
Web authoring		Web authoring software (i.e. Front Page, Web Blender, Publisher)	
Website management		Audacity	
Internet Safety (Social Networking, Chat Rooms, Instant Messaging, Gaming, Profiles)	Use existing Webquests	Teacher monitored e-mail (such as gaggle.net or e-pals)	
Internet research skills	Create webquests	Blackboard	
Use of search engines	Research a topic and create an informational or educational web page	Photo editor (to size photos for web sites)	
Citing sources			
Copyright, Ethics, Plagiarism, spam, viruses	Create a personal web page		
Online collaborative tools (wikis, blogs)	Use Blackboard or other online learning tool		
E-mail			
Netiquette	Create and contribute to a wiki		
Text messaging lingo			
RSS	Participate in a class or group project using a blog		
Career Exploration			
Online learning opportunities			