WEB SEARCH ASSIGNMENT

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Web Search Assignment – Website Accessibility Directory

Website Accessibility – SELECTED RESOURCES

1   INTRODUCTION

The internet is a wonderful thing, people around the world are now able to watch videos, get a degree, spend money, and communicate with friends and strangers via email, blog, file sharing, video streaming, ecommerce, and browsing thanks to the internet.

While a significant percentage of the world has access to the internet at some speed using some convenient device, there are populations for whom a primarily audio-visual medium accessed via touch presents one or more barriers to use. For children and adults who have audio, visual, cognitive, or muscular control disabilities the World Wide Web can be a very difficult place to visit. The term "Web Accessibility" refers to was in which the content and structure of websites and online resources can be designed or modified to be used by all people including people with disabilities.

This directory presents resources that address website accessibility and is organized by audience: website and app designers, users with disabilities, and the typical web user. Each of these three groups can benefit from resources that show how to make content more readily accessible, how to access content more readily, and how to assess materials for accessible design.

2 DIRECTORY ENTRIES

1. Website Name:	Web Accessibility Initiative (WAI)
Website URL:	http://www.w3.org/WAI/
Content Provider/ Producer:	World Wide Web Consortium. The World Wide Web Consortium (W3C) is an international community that develops open standards to ensure the long-term growth of the Web. Includes Mass. Inst. Of Tech. and the European Research Consortium for Informatics and Mathematics**.**
Summary of Content:	Internationally sound standards and research related to website accessibility design for web designers that addresses use of various design languages, browsers, coding, and architecture. This site also explains how users with disabilities access the web, devices they use, problems they encounter, and videos detailing their experiences so that designers have a reference for understanding the standards designed to address these concerns. The site addresses all aspects of web and web application design, including setting organizational policies and internal software such as customer management systems.

2. Website Name:	Web AIM – Web Accessibility In Mind
Website URL:	http://webaim.org/
Content Provider/ Producer:	Center for Persons with Disabilities, Utah State University
Summary of Content:	Web AIM is a website that provides extensive topical tutorials, reference, and articles that assist web designers in understanding the needs and concerns of users with disabilities and solutions of increasing accessibility in webpages, software, and documents. Sections cover training, evaluation of websites including the WAVE tool that tests websites, and professional development.

3. Website Name:	Web Accessibility Center Tutorials
Website URL:	http://wac.osu.edu/tutorials/index.html
Content Provider/ Producer:	Ohio State University Web Accessibility Center
Summary of Content:	This page of a website prepared by Ohio State University provides tutorials for accessible web design for the top programming languages and applications, as well as legal ramifications. Each header leads to multiple resources, research, and tutorials on how to implement suggestions.

4. Website Name:	HowTo.Gov Accessibility
Website URL:	http://www.howto.gov/web-content/accessibility
Content Provider/ Producer:	GSA's Office of Citizen Services & Innovative Technologies, Managed by the Federal Web Managers Council, Angela Hooker
Summary of Content:	Based on the content of the federal legislation that mandates that government websites be accessible, this site includes plain-language explanations of the legislation and explicit information about how those designing government websites can meet the requirements of the law and improve the overall design of websites for the public.

5. Website Name:	Apple Accessibility
Website URL:	https://www.apple.com/accessibility/osx/
Content Provider/ Producer:	Apple, Inc.
Summary of Content:	The website displays the hardware and software features of Apple products and the iOS software that assists users with disabilities to use the devices and access the internet including a built in text reader, keyboard modifications, and video communications.

6. Website Name:	Microsoft Accessibility
Website URL:	http://www.microsoft.com/enable/
Content Provider/ Producer:	Microsoft
Summary of Content:	The website displays the hardware and software features of Microsoft products and the supported software including operating systems and Microsoft Office that assist users with disabilities to access programs and the internet including a built in text reader, keyboard modifications, and communication enhancements.
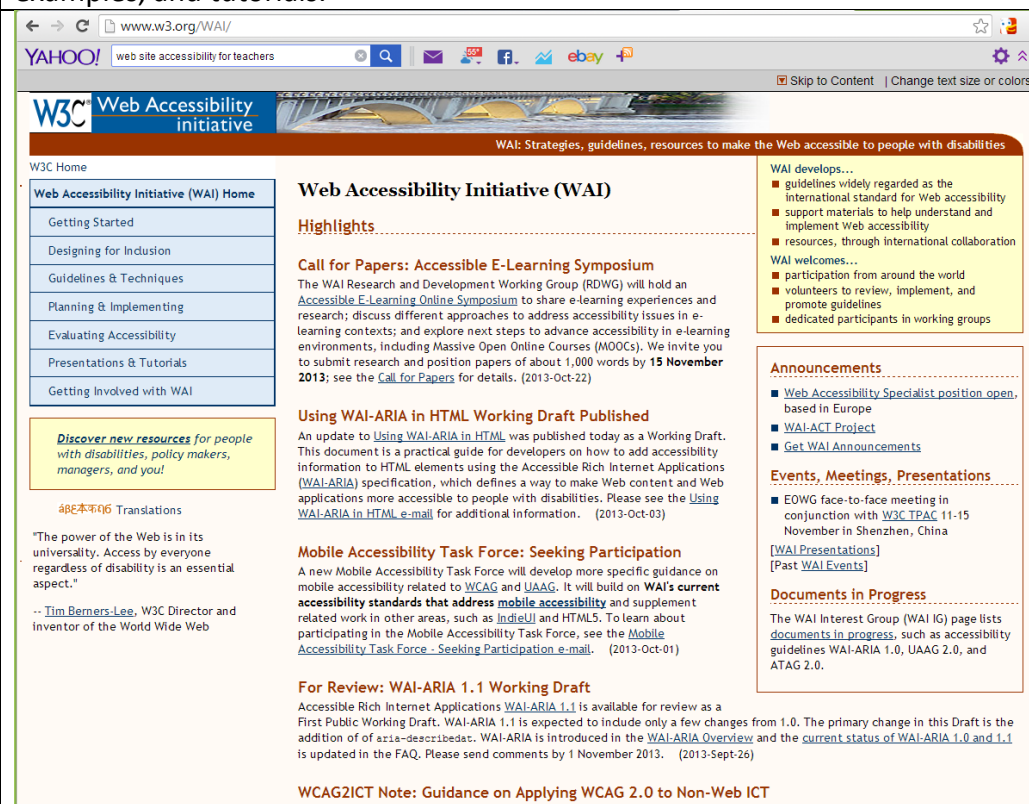
7. Website Name:	Teacher Planning and Universal Design for Learning Environments
Website URL:	http://aim.cast.org/
Content Provider/ Producer:	National Center on Accessible Instructional Materials at Cast, Inc.
Summary of Content:	This website focuses on accessible materials, online and offline, and is especially good for teachers at all levels. The site assists teachers in identifying and creating instruction and materials to aid instruction that are accessible to all learners. The site also has resources for families, parents, schools, and school districts. The site includes information on assistive technologies as well as design concerns, webinars, presentations, newsletters, research studies, and tutorials.

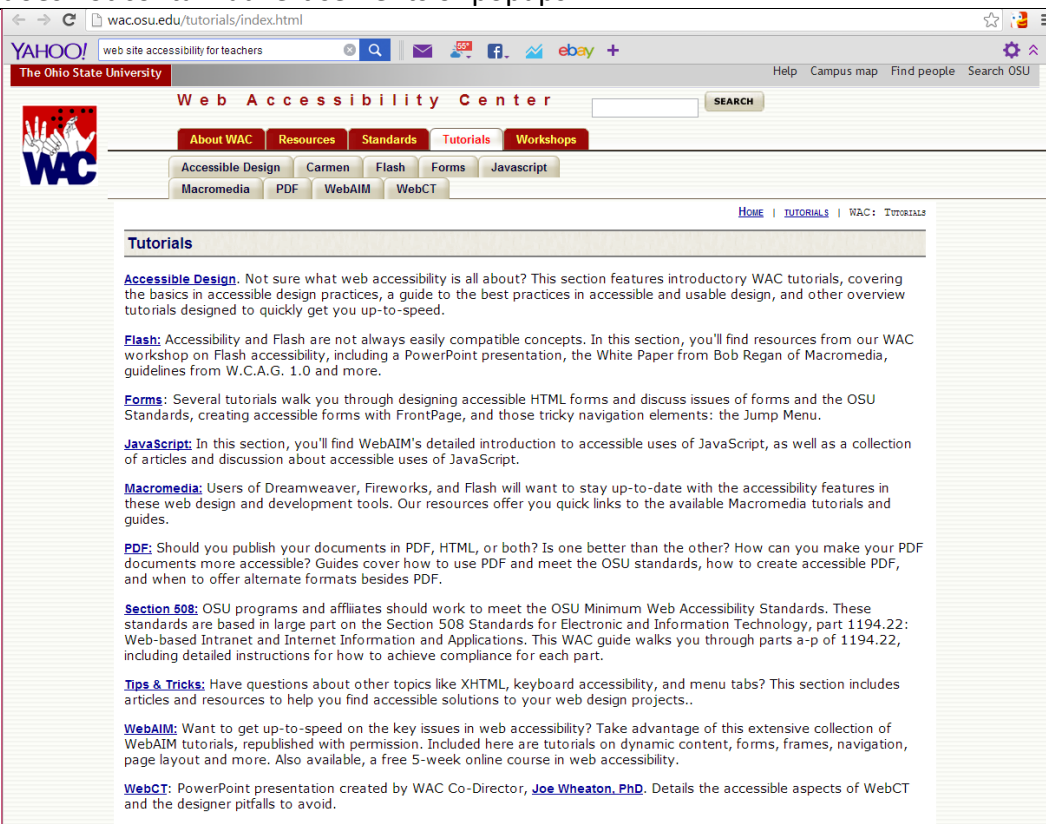| 8. Website Name:	Access IT
Website URL:	http://www.washington.edu/accessit/
Content Provider/ Producer:	University of Washington
Summary of Content:	The site includes training events and videos, research, and a knowledge base for teachers and those who wish to use technology to assist people with disabilities in accessing instruction.

9. Website Name:	Transforming Education through Universal Design for Learning
Website URL:	http://www.cast.org/
Content Provider/ Producer:	Center for Applied Special Technology
Summary of Content:	CAST is a comprehensive website that promotes universal design for learning that improves accessibility by improving the overall all design of materials, websites, and content delivery for all persons – with and without disabilities. The site includes tutorials, tools, information, and professional development.

10. Website Name:	NanoGames
Website URL:	http://www.nanogames.com/Home.htm
Content Provider/ Producer:	NanoGames
Summary of Content:	This site is a for-profit site that promotes games that are made accessible for all children by including features that address the needs of children with disabilities. Games are in formats for a variety of platforms and operating systems and the site explains how the games are designed and modifiable to increase accessibility.
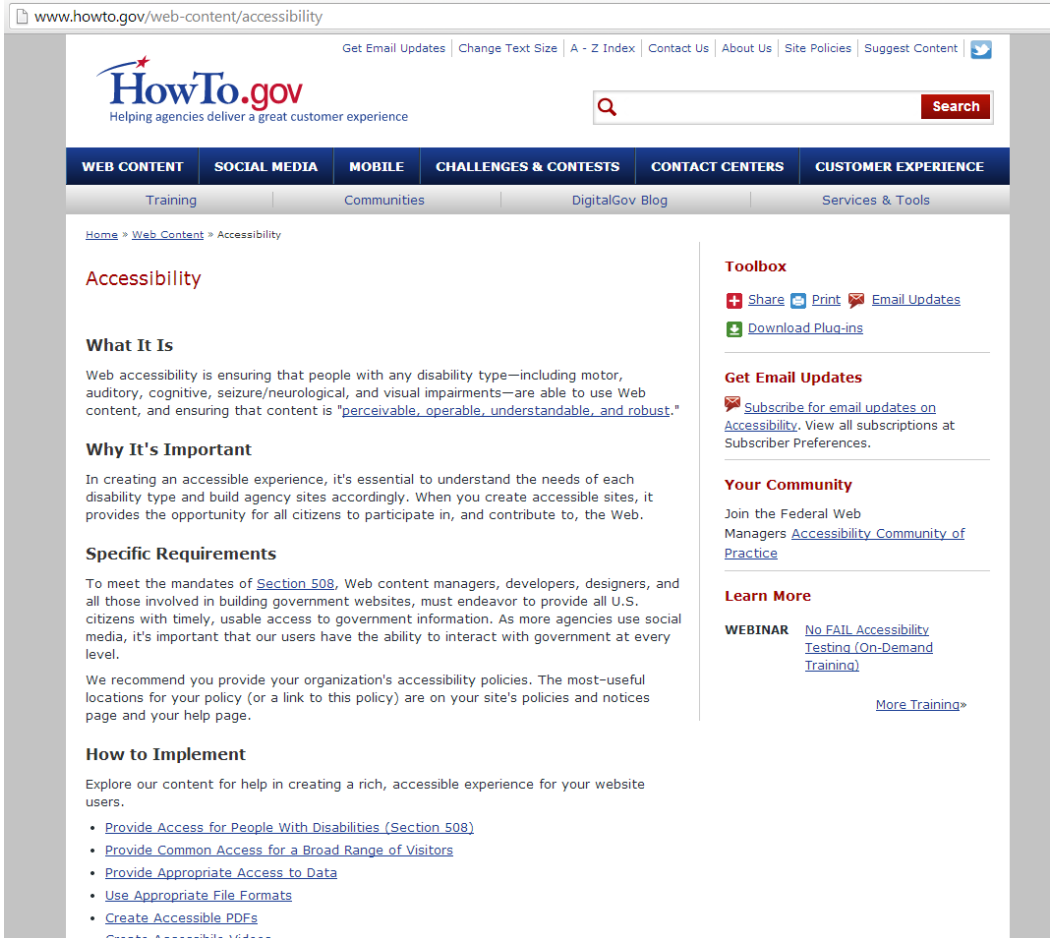
3 PRINTS
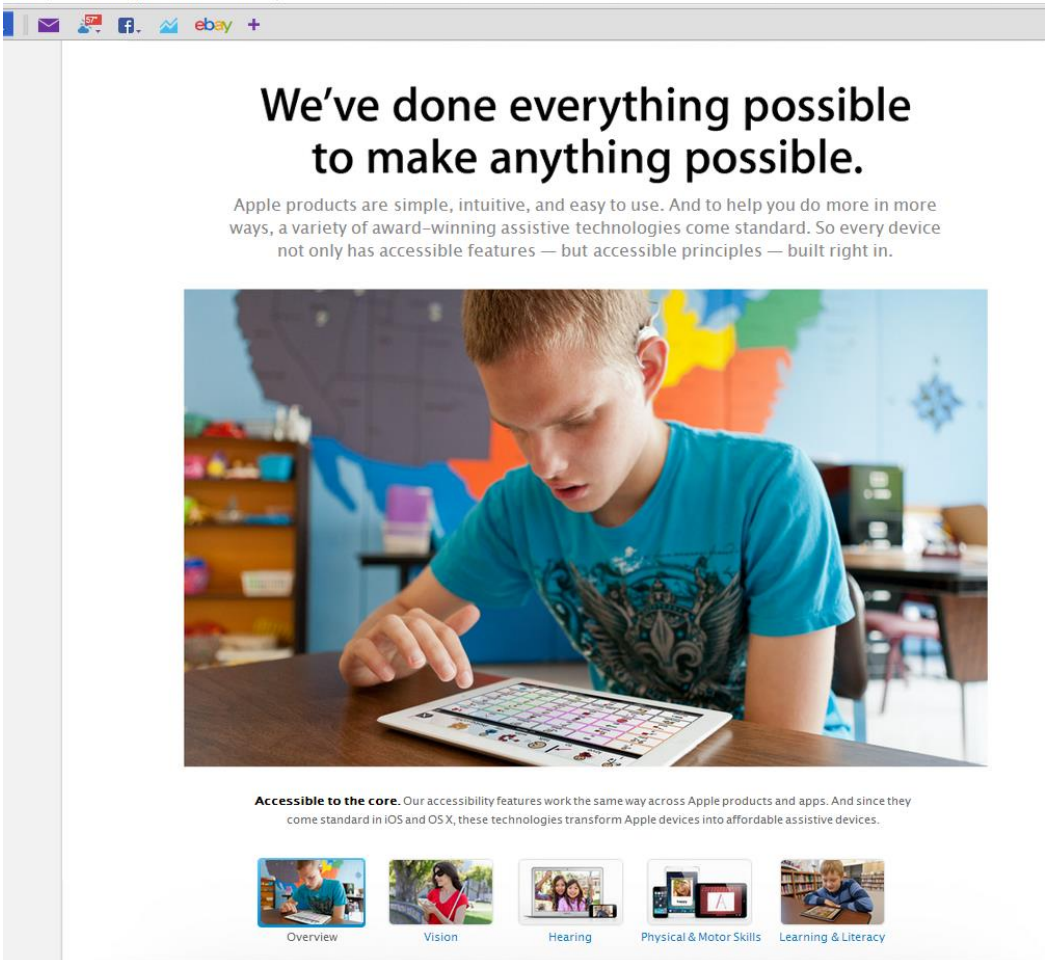
SEARCH TOOL:	Google.com
SEARCH STATEMENT:	Website accessibility
AUTHORITY:	The authors of the site are internationally respected authorities in the fields of technology and communications who are writing on topics directly related to their expertise.
QUALITY:	The website is simply designed with clear links, explanations, and navigation. The content is clear, well-crafted and relevant with appropriate citations, examples, and tutorials.
PRINT # 1:	

SEARCH TOOL:	Google.com
SEARCH STATEMENT:	Website accessiblity
AUTHORITY:	The site is co-authored by Utah State University and the Center for Persons with Disabilities – two non-profit groups. The website has existed since 1999 and articles are updated to reflect changing technology, equipment, and international standards for accessibility.
QUALITY:	The website is pleasing to the eye and meets accessibility requirements, it is well organized and navigation is clear, colors provide suitable contrast to improve visibility.
PRINT #2:	

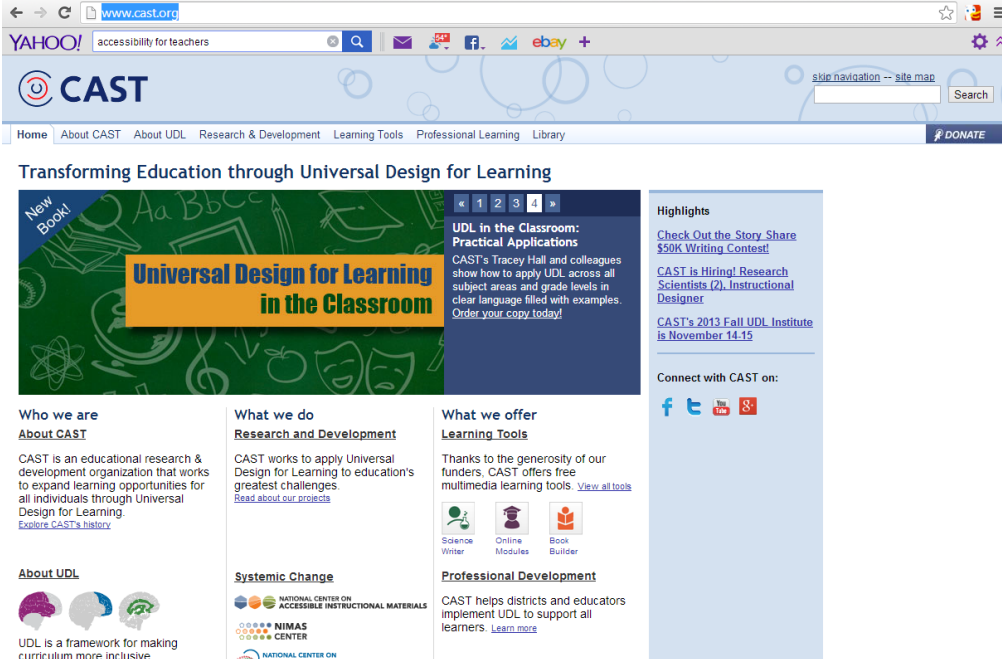|	
SEARCH TOOL:	DuckDuckGo.com
SEARCH STATEMENT:	Accessible Web Design Tutorial
AUTHORITY:	Ohio State University Web Accessibility Center in partnership with the College of Education and Human Ecology, the Office for Disability Services, and the Americans with Disabilities Act Coordinator's Office have provided resources for web designers – especially those related to the university or who have an educational focus.
QUALITY:	The resources come from authorities in their respective fields and the overall design of the page uses accessible principles of contrast and simplicity, the resources are properly referenced and legitimate. The site is not-for-profit and does not contain advertisements or popups.
PRINT # 3:	

SEARCH TOOL:	DuckDuckGo.com
SEARCH STATEMENT:	Website accessibility
AUTHORITY:	The site is designed by and for the United States Government and is based on the federal legislation related to the Americans with Disabilities Act.
QUALITY:	The website is clear and the main page is quite concise, however some content items have extensive references. The information comes from a recognized authority is clear and easy to understand.
PRINT # 4:	www.howto.gov/web-content/accessibility Get Email Updates | Change Text Size | A - Z Index | Contact Us | About Us | Site Policies | Suggest Content **HowTo.gov** Helping agencies deliver a great customer experience Search WEB CONTENT · SOCIAL MEDIA · MOBILE · CHALLENGES & CONTESTS · CONTACT CENTERS · CUSTOMER EXPERIENCE Training · Communities · DigitalGov Blog · Services & Tools Home » Web Content » Accessibility **Accessibility** **What It Is** Web accessibility is ensuring that people with any disability type—including motor, auditory, cognitive, seizure/neurological, and visual impairments—are able to use Web content, and ensuring that content is "perceivable, operable, understandable, and robust." **Why It's Important** In creating an accessible experience, it's essential to understand the needs of each disability type and build agency sites accordingly. When you create accessible sites, it provides the opportunity for all citizens to participate in, and contribute to, the Web. **Specific Requirements** To meet the mandates of Section 508, Web content managers, developers, designers, and all those involved in building government websites, must endeavor to provide all U.S. citizens with timely, usable access to government information. As more agencies use social media, it's important that our users have the ability to interact with government at every level. We recommend you provide your organization's accessibility policies. The most-useful locations for your policy (or a link to this policy) are on your site's policies and notices page and your help page. **How to Implement** Explore our content for help in creating a rich, accessible experience for your website users. • Provide Access for People With Disabilities (Section 508) • Provide Common Access for a Broad Range of Visitors • Provide Appropriate Access to Data • Use Appropriate File Formats • Create Accessible PDFs • Create Accessibile Videos **Toolbox** Share Print Email Updates Download Plug-ins **Get Email Updates** Subscribe for email updates on Accessibility. View all subscriptions at Subscriber Preferences. **Your Community** Join the Federal Web Managers Accessibility Community of Practice **Learn More** WEBINAR No FAIL Accessibility Testing (On-Demand Training) More Training»

SEARCH TOOL:	DuckDuckGo.com
SEARCH STATEMENT:	Website accessibility features
AUTHORITY:	The site is the official site for Apple Products including the IPad, MacBook, and details the features built into the devices and the iOS operating systems used on Apple Devices.
QUALITY:	As with most things designed at Apple, the site is visually appealing and is passes the Web AIM WAVE test for accessibility, the content includes images and alt text. The language of the site is conversational and easy to understand.
PRINT # 5:	

SEARCH TOOL:	Bing.com
SEARCH STATEMENT:	Website accessibility
AUTHORITY:	This site is the Microsoft Official website for Accessibility and is the established authority for its products including all currently supported software programs and includes the opportunity to purchase additional items to increase accessibility.
QUALITY:	The site is attractive, well-written, and well organized, it includes tutorials, newsletters, technical support and case studies for users with and without disabilities.
PRINT # 6:	

SEARCH TOOL:	Google.com
SEARCH STATEMENT:	Accessible design for teachers
AUTHORITY:	National Center on Accessible Instructional Materials is an organization partnered with the US Department of Education's Office of Special Education Programs, the American Foundation for the Blind, and the PACER center along with CAST a non-profit dedicated to increasing opportunities for all individuals and provides research based content to assist teachers and instructional institutions.
QUALITY:	The site is visually attractive, well designed, organized, and contains a search feature. The site specifically address various groups and is beneficial for all.
PRINT # 7:	

SEARCH TOOL:	Google.com
SEARCH STATEMENT:	Accessible design for teachers
AUTHORITY:	This article is provided by the University of Washington and was financed by grants from the National Institute on Disability and Rehabilitation Research of the U.S. Department of Education and is maintained by the National Science Foundation and is a part of the National Center on Accessible Information Technology in Education.
QUALITY:	While very plain the site has updated information in English and Spanish and is a resource for teachers and others interested in accessing technology to improve accessibility for the instruction of children and adults.
PRINT # 8:	

SEARCH TOOL:	DuckDuckGo.com
SEARCH STATEMENT:	Accessible design for teachers
AUTHORITY:	This site is affiliated with several authorities in the filed including the National Center for Accessible Instructional Materials and the National center on Universal Design for Learning.
QUALITY:	The site is attractive and well designed, the organization and navigation are comprehensive and well-done given the extensive content. The site is visually appealing and meets requirements for accessiblity.
PRINT # 9:	

SEARCH TOOL:	DuckDuckGo.com
SEARCH STATEMENT:	Accessibility for Kids
AUTHORITY:	NanoGames site is created by its designers but references valid principles in accessible design.
QUALITY:	The site is not the most attractive, but it meets many guidelines for accessibility and is suitable for all users while providing information for everyone interested in games.
PRINT # 10:	