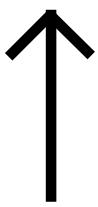




Problem

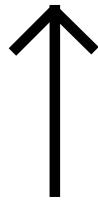
access to
computers



Solution

adaptive
technology

universal
design
principles



access to
electronic
resources

DO-IT



Some visitors:

- cannot see graphics.
- cannot hear audio.
- have difficulty with unorganized sites.
- use older equipment, slow connections.
- use adaptive technology.



Access to Electronic Resources

- Review current resources
- Revise policies
 - collection development policy
 - electronic resources development policy
- Provide librarian assistance



Universal design
=
designing services &
resources for people with a
broad range
of abilities & disabilities.



Universal design

=

design of products & environments to be usable by all people, to the greatest extent possible, without the need for adaptation or specialized design.



Universal Design Principles

- equitable use
- flexible use
- simple and intuitive use
- information duplicated in several formats
- low physical effort

Example of a poorly organized layout.

TRIVIA!

[TRIVIA Home](#)

[What is TRIVIA?](#)

[State Constitutions](#)

[State Birds](#)

[State Flags](#)

[State Flowers](#)

[State Songs](#)

[State Governors](#)

[State Bugs](#)

[State Universities](#)

[State Capitals](#)

[State Libraries](#)

[Other State Sites](#)

Choose a state or icon!

E-mail us!

PLAY TRIVIA!

Last Updated: 9/7/2005

Maine
Wash.
Montana
N. Dakota
Minn.
Michigan
Wis.
Iowa
Illinois
Ind.
Ohio
Penn.
Ky.
Va.
SC
Tenn.
NC
Ala.
Miss.
L.A.
Georgia
Florid
Texas
Oklahoma
Ark.
Mo.
Kans.
Nebraska
Wyoming
Idaho
Ore.
Calif.
Nevada
Utah
Colo.
Kan.
Ariz.
NM
Arizona
New Mexico

Maintain a simple, consistent page layout.

UW COMPUTING & LIBRARIES

UW Welcome | Admissions | Departments | Medical Care | Computing & Libraries | BeyondUW
News & Events | Student Guide | Teaching | Research | Admin. Guide | UW Home

Search

- Computing and Networking – How to use information technologies at the UW, including email, television, telephones, and the Web. Topics cover how to set up computer accounts and get connected, how to acquire hardware and software, where to find help, and a collection of frequently asked questions.
- UW Libraries – Access to the online catalog, databases, library hours, resources arranged by subject, library instruction, exhibits, announcements, and online services such as book renewals.

Desktop Reference Tools

- Desktop Reference Tools – Dictionaries, directories, electronic texts, geographic information, subject resources, and more.
- Electronic Journals – Electronic journals at the UW and elsewhere.

Languages and Literature

Welcome to the Languages and Literature section of the Mockingbird Library.

[Poetry and Poets](#)



[Authors for Adults](#)



[Authors for Children](#)



[Poetry on the Web](#)

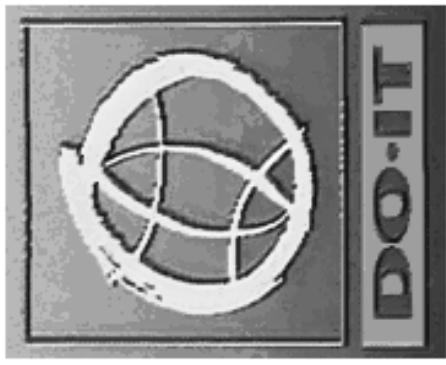


[Mythology](#)

[Languages](#)

Example of a difficult background.

Keep backgrounds simple with enough contrast.



DO-IT at the University of Washington

A general description of the DO-IT Program.

NEWSFLASH -- March 1997

DO-IT COOP Grant

DO-IT Resources

- DO-IT Brochures -- our popular brochures are updated regularly.
- DO-IT Newsletters -- published since summer, 1993.
- DO-IT Videotapes -- Short clips from the DO-IT Videos, including descriptions and ordering info.

Welcome to the Groundhog Spring Prediction Service!



[Click here](#) for the GOOD NEWS! [Click here](#) for the BAD news.



Be a STAR and join our club!

Make links descriptive so understood out of context.



HyperText Markup Language (HTML)

=

programming language used to create
World Wide Web pages.

World Wide Web Consortium (W3C)

defines standard HTML so that hypertext documents are portable from one platform to another.

Use standard HTML.



Welcome to the States Trivia "STRIU!A!" Site!

FRAME: [contents](#)
FRAME: [main](#)

This web page uses frames, but your browser doesn't support them.

Commands: Use arrow keys to move, '?' for help, 'q' to quit, '<->' to go back.
Arrow keys: Up and Down to move. Right to follow a link; Left to go back.
H)elp O)ptions P)rint G)o M)ain screen Q)uit /=search [d)elete]=history l)ist ■

Example of a page using frames displayed by a text browser.



The DO-IT pages form a living document and are regularly updated. We strive to make them universally accessible. You will notice that we minimize the use of graphics and photos, and provide descriptions of them when they are included. Video clips are open captioned, providing access to users who can't hear the audio. Suggestions for increasing the accessibility of these pages are welcome.



Web Access Symbol Now Available



Description: A globe, marked with a grid, tilts at an angle. A keyhole is cut into its surface. The symbol should always be used with the following alt attribute: Web Access Symbol (for people with disabilities). The web access symbol is also available via anonymous ftp at [ftp.wgbh.org](ftp://ftp.wgbh.org).

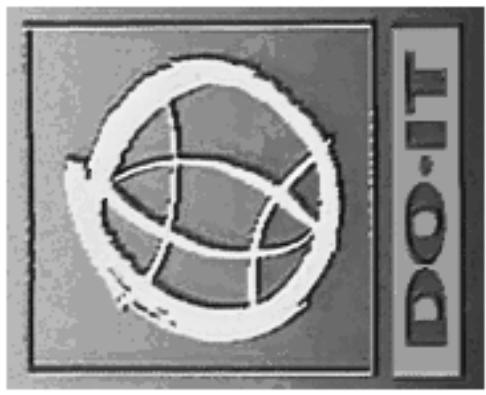


```
<HTML><HEAD>
<TITLE>DO-IT Program</TITLE></HEAD>
<BODY><IMG SRC=" . /doitlogo.large.gif"
ALIGN=MIDDLE ALT=" [DO-IT LOGO]">
<H1>DO-IT at the
University of Washington</H1>
```

Null Value: **ALT=""** Bullet: **ALT="*"**

ALT attribute.





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DO-IT page viewed with a graphical browser.

[DO-IT L060]

DO-IT Program (p1 of 3)

DO-IT at the University of Washington

A general description of the DO-IT Program.

NEWSFLASH -- March 1997

DO-IT COOP Grant

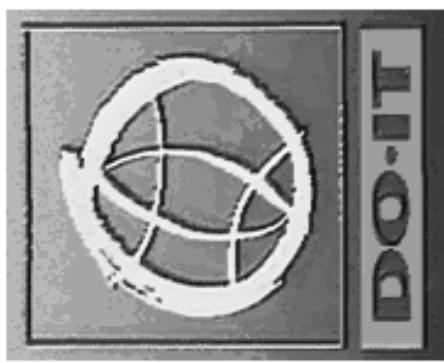
DO-IT Resources

- * DO-IT Brochures -- our popular brochures are updated regularly.
- * DO-IT Newsletters -- published since summer, 1993.
- * DO-IT Videotapes -- Short clips from the DO-IT Videos, including descriptions and ordering info.

-- press space for next page --

Arrow Keys: Up and Down to move. Right to follow a link; Left to go back.
H)elp O)ptions P)rint G)o M)ain screen Q)uit /=search [d)elete]=history list █

DO-IT page displayed by a text browser.



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- DO-IT Videotapes -- Short clips from the DO-IT Videos, including descriptions and ordering info.

DO-IT page viewed with a graphical browser.



```
<HTML><HEAD>
<TITLE>States Trivia</TITLE></HEAD>
<BODY>
<A HREF="images/home.map">
<IMG SRC="images/states.jpg" ismap></A>
</BODY>
</HTML>
```

Image map HTML coding with no alternative menu.

DO IT

PLAY TRIVIA!

Choose a state!

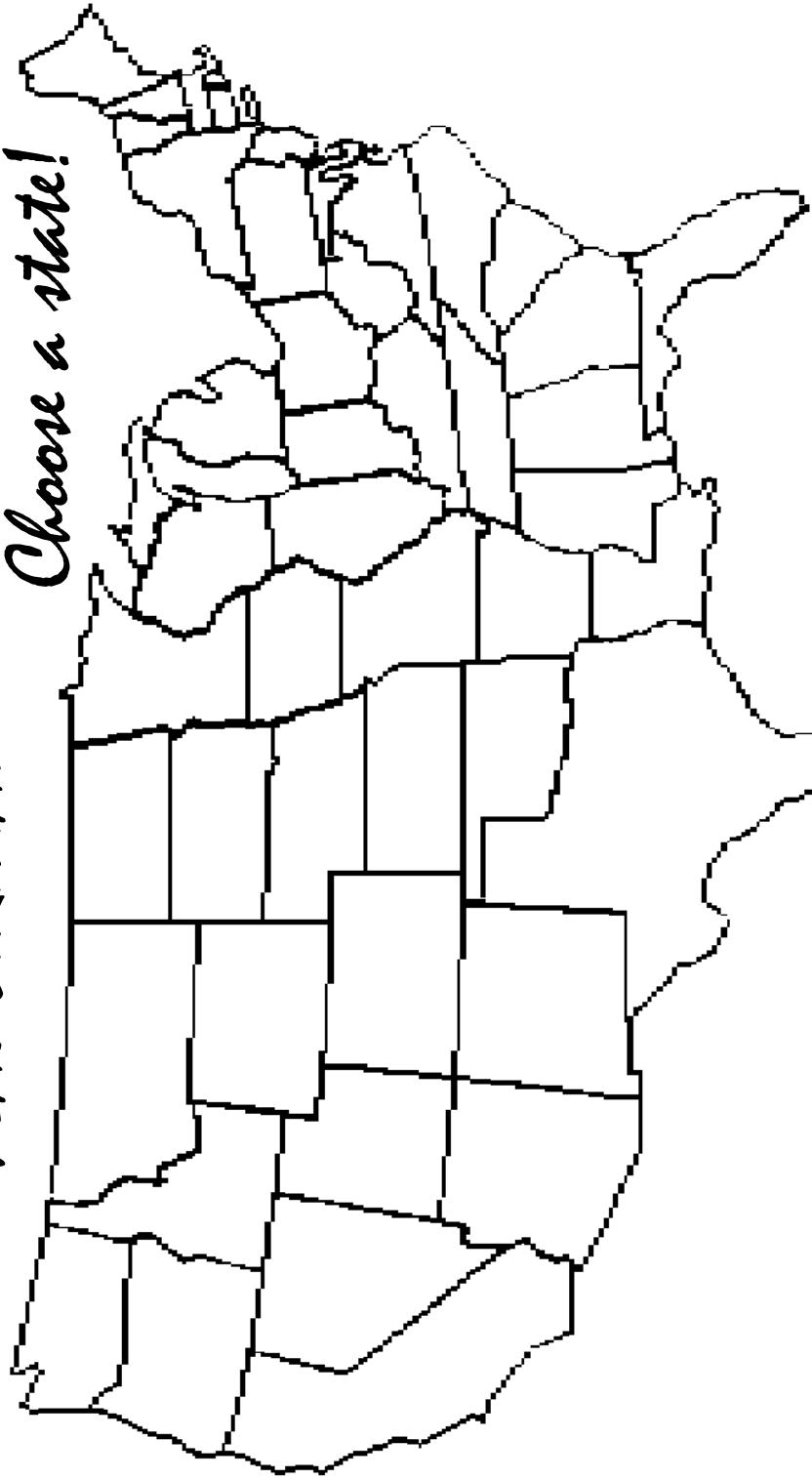


Image map displayed by a graphical browser.

STRIVIA State Picker

[ISMAP]

Commands: Use arrow keys to move, '?' for help, 'q' to quit, '<-' to go back.
Arrow keys: Up and Down to move. Right to follow a link; Left to go back.
H)elp O)ptions P)rint G)o M)ain screen Q)uit /=search [delete]=history list ■

Image map with no alternative menu
displayed by a text browser.

DO-IT Gallery

Summer Session 1993



(63 K)

Caption: 1993 Phase I Scholars find out how to get around on campus from mentors Sean Barret and Jacqueline Adams.

Summer Session 1994



(40 K)

Caption: Anna Schneider and Takuya Igarashi work with mentor French Leger during a classroom session on designing scientific instruments.

[Return to the DO-IT Homepage](#)

DO-IT
Disabilities, Opportunities, Internetworking & Technology
Email: dotti@u.washington.edu

Include descriptive captions for pictures.

THE GETTYSBURG ADDRESS: Drafts

Of the five known manuscript copies of the Gettysburg Address, the Library of Congress has two. President Lincoln gave one of these to each of his two private secretaries, John Nicolay and John Hay. The copy on exhibit, which belonged to Nicolay, is often called the "first draft" because it is believed to be the earliest copy that exists.

[Image of the "Nicolay Draft" of the Gettysburg Address. Page 1.](#)

Holograph John Hay Papers, Manuscript Division

[Image of the "Nicolay Draft" of the Gettysburg Address. Page 2.](#)

Holograph John Hay Papers, Manuscript Division.

[Transcript of the "Nicolay Draft" of the Gettysburg Address](#)

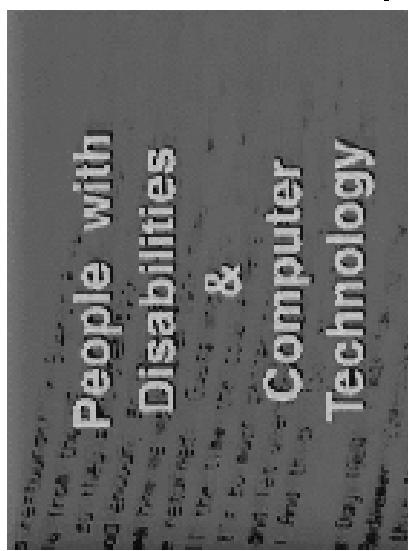


Comments to: lcweb@loc.gov (Last Update 1/27/95)

Provide transcripts of manuscript images.

DO-IT Videos

Below are short video clips (and descriptive text) from the videos produced by DO-IT.



- Working Together: People with Disabilities
(MPEG - 419K **or** Movie - 2270K **or** descriptive text)
- and Computer Technology (MPEG - 419K **or** Movie - 2270K **or** descriptive text)



- Working Together: Faculty and Students with Disabilities
(MPEG - 873K **or** Movie - 3221K **or** descriptive text)

Descriptive text for DO-IT videos.



The CPB/WGBH

National Center for Accessible Media

Captioning and Audio Description on the Web



NCAM has been experimenting with ways to provide captioning and audio description on Web sites, through the use of QuickTime video clips. Captions have been added as a text track, and descriptions have been recorded onto a separate audio track (in addition to the program audio and video tracks). With one particular movie player that we've found, MoviePlayer version 2.1 or greater for the Macintosh, the descriptions and captions may actually be turned on or off by the user. If you're using a different Mac or PC player, all captions and descriptions will be open-- that is, you won't be able to turn them off.

Caption video and transcribe other audio.

Use tables sparingly & consider alternatives.

Course	Description	Registration	Location
Introduction to Library Research	Covers basics of library research and introduces participants to resources and collections of the Library.	None Required.	Main Library Information Desk
Searching the Online Catalog	Tips and techniques to help you search for books and materials in the catalog. Covers subject and keyword searching.	Register at Main Library Information Desk.	Main Library Computer Lab
Searching the World Wide Web	Introduction to primary Web Search engines and searching techniques.	Register at Main Library Information Desk.	Main Library Teaching Lab

Cutting Edge Library Instruction Schedule

Select one of the classes listed below for a complete description.

- [Introduction to Library Research](#)
- [Searching the Online Catalog](#)
- [Searching for Magazine and Journal Articles](#)
- [Introduction to the Internet](#)
- [Introduction to the Internet for Children](#)
- [Searching the World Wide Web](#)
- [Intermediate Searching the World Wide Web](#)
- [Advanced Searching the World Wide Web](#)
- [Library Tour](#)

Introduction to Library Research

Course Description

Date: Wednesday, September 10, 1997

Location: Meet at Library Reference Desk

Instructor: Reference Librarian

Registration: No registration required. Groups larger than 5, please contact the Library Instruction Coordinator, Jennie Morgan at 685-3658.

[Back to top](#)

Searching the Online Catalog

Course Description

Alternative format for information in a table.



Test & use special features with care:

- forms
- databases
- features that require plug-ins



Test your Web Pages

- with as many browsers as possible
- with at least one text browser
- with Bobby, or another accessibility validator program
Bobby - <http://www.cast.org/bobby/>



Accessible Web Design Principles

- Simple, consistent page layout.
- Simple backgrounds with enough contrast.
- Standard HTML.
- Note about accessibility.
- Text alternatives for graphical features.
- Use special features with care.
- Test Web pages with variety of browsers.



Program Outline

- Success stories
- Legal issues & statistics
- General library access
- Adaptive technology
- Electronic resources