

<http://www.accessibletoeveryone.com>

Amie Fulcher, M.Ed.

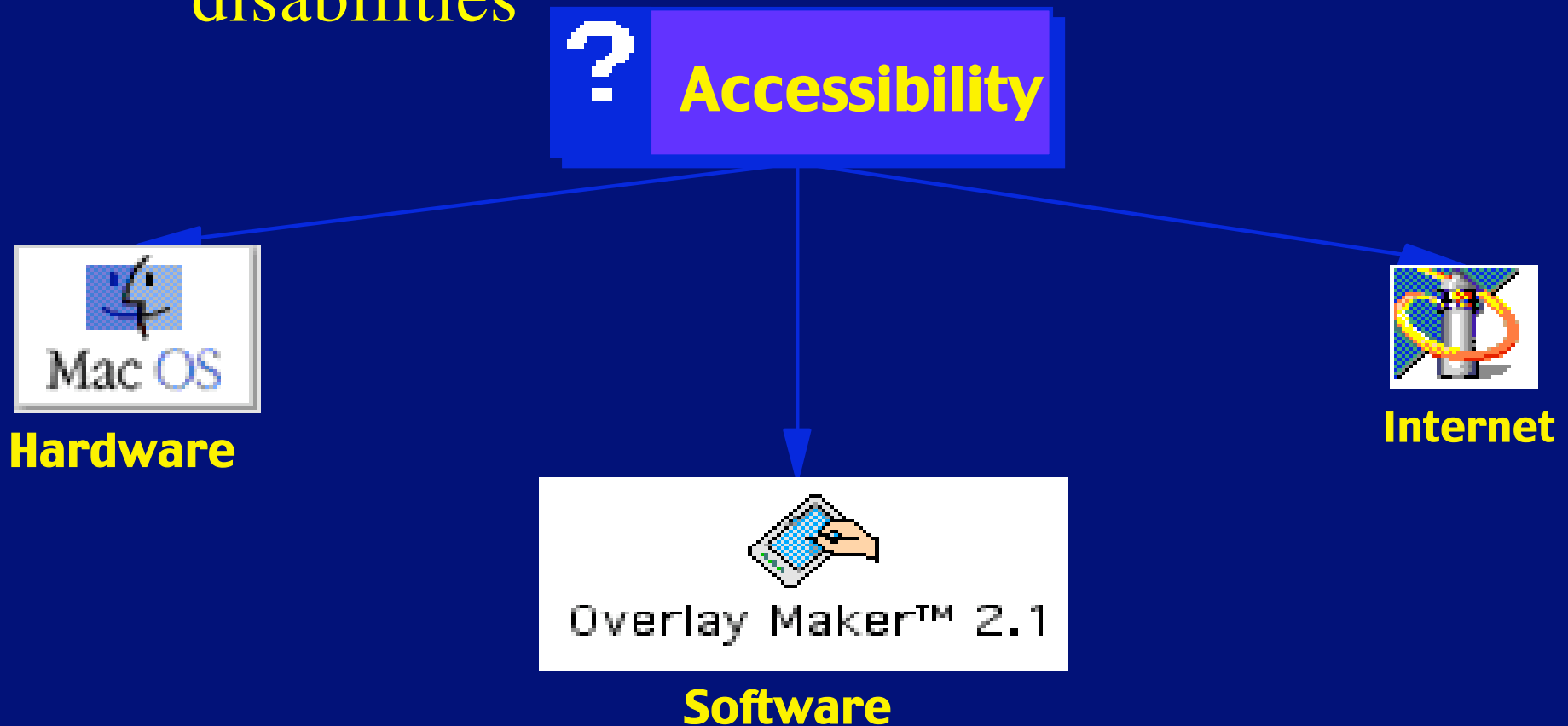
John Castellani, Ph.D.

We Assume that:

- You know how to:
 1. Use the Internet
 2. Search for information, and
 3. Copy and paste graphics into another program
 4. Modify the overlays/scanning arrays based on your needs
- If not:
 - <http://chd.gse.gmu.edu/telecomm/main.html>

Universal Accessibility

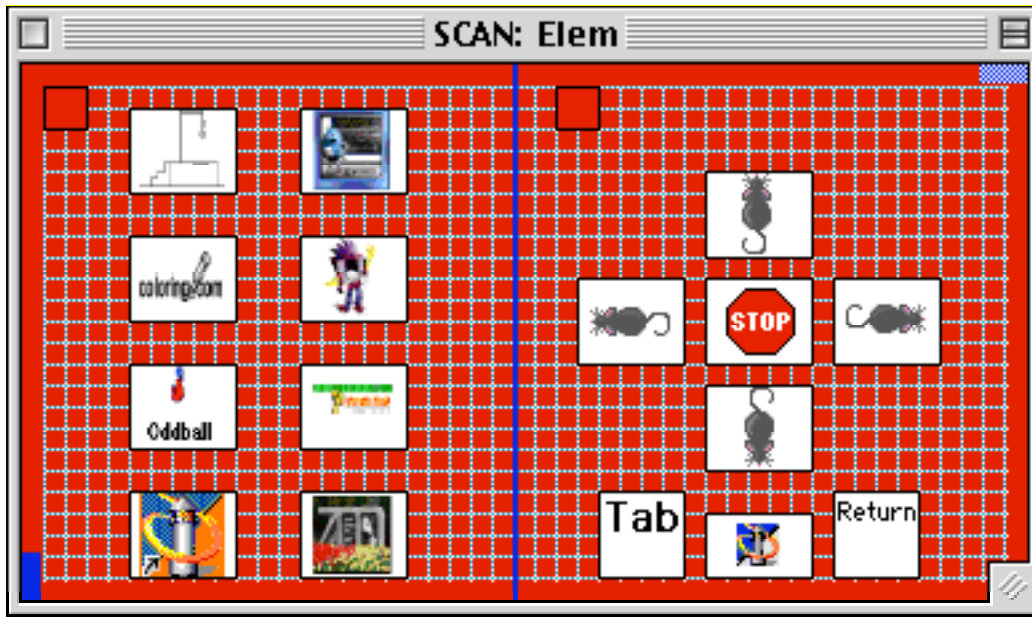
- Available tools for students with disabilities



Students with Physical Disabilities

- Intellikeys
 - <http://www.intellitools.com/>
- Discover Switch
 - <http://www.donjohnston.com/>









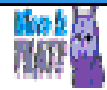
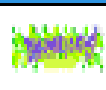






Discover Switch using Discover Ke:nx (Don Johnston, Inc.)

Search the Internet	Add a bookmark	Branch	Font	Font	Font	Font	Quit
	New Message to John	New Message to Aime	Send Message	Close		Next Message	

Shift	A	B	C	D	E	F		
	G	H	I	J	K	L	M	N
	O	P	Q	R	S	T	U	Return
	V	W	X	Y	Z	.	/	-

1	2	3
4	5	6
7	8	9
	0	

High School Scanning Array

Shift ↑	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Space	O	P	Q	R	S	T	U	V	W	X	Y	Z	-	
														
Delete ← x	Tab +	esc	New 	Save 	Print 	Quit 	Return							
														

Making the Discover Switch

- How to make an overlay --- “The Code”
 - Refer to instruction sheet #1

The dialog box is titled "Discover Switch" and is divided into three main sections: "User Sees", "User Hears", and "Computer Receives".

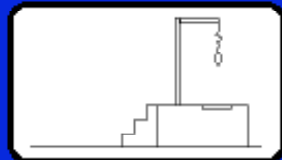
User Sees: This section contains two radio buttons: "Character" (unselected) and "Graphic" (selected). To the right of the "Character" button is a dashed square icon. Below the "Graphic" button is a "Set Icon..." button. Below these is a "Label:" text box containing the text "CNN.com".

User Hears: This section contains two radio buttons: "Digitized" (unselected) and "Text-To-Speech" (selected). To the right of the "Digitized" button is a "Sounds..." button. Below the "Text-To-Speech" button is a speaker icon. Below the speaker icon is an "Item Feedback:" text box containing the text "go to C N N dot com".

Computer Receives: This section contains a large text box with the text "<command>| http://cnn.com".

At the bottom of the dialog box are several buttons: "Script...", "Mouse...", "Special...", "Branch...", "Cancel", and "Done".

Elementary Overlay

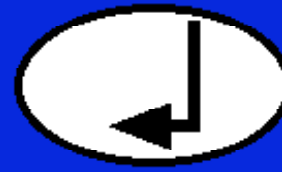
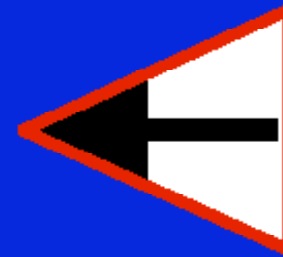
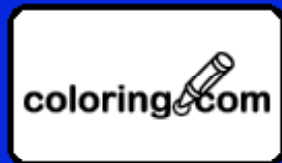


Stop

M



K



Tab



Return

High School Overlay

The High School Overlay interface features a collection of logos and a keyboard layout on a blue background. The logos include:

- Netscape Netcenter
- CHANGE MAKER (with a building icon)
- Story of the Week
- CNN.com
- teen.com (the place for teens)
- Where Is THAT? (The game where your mind is your map, with an owl icon)
- 7th Grade (The 7th Grade)
- Stop

The keyboard layout consists of the following keys:

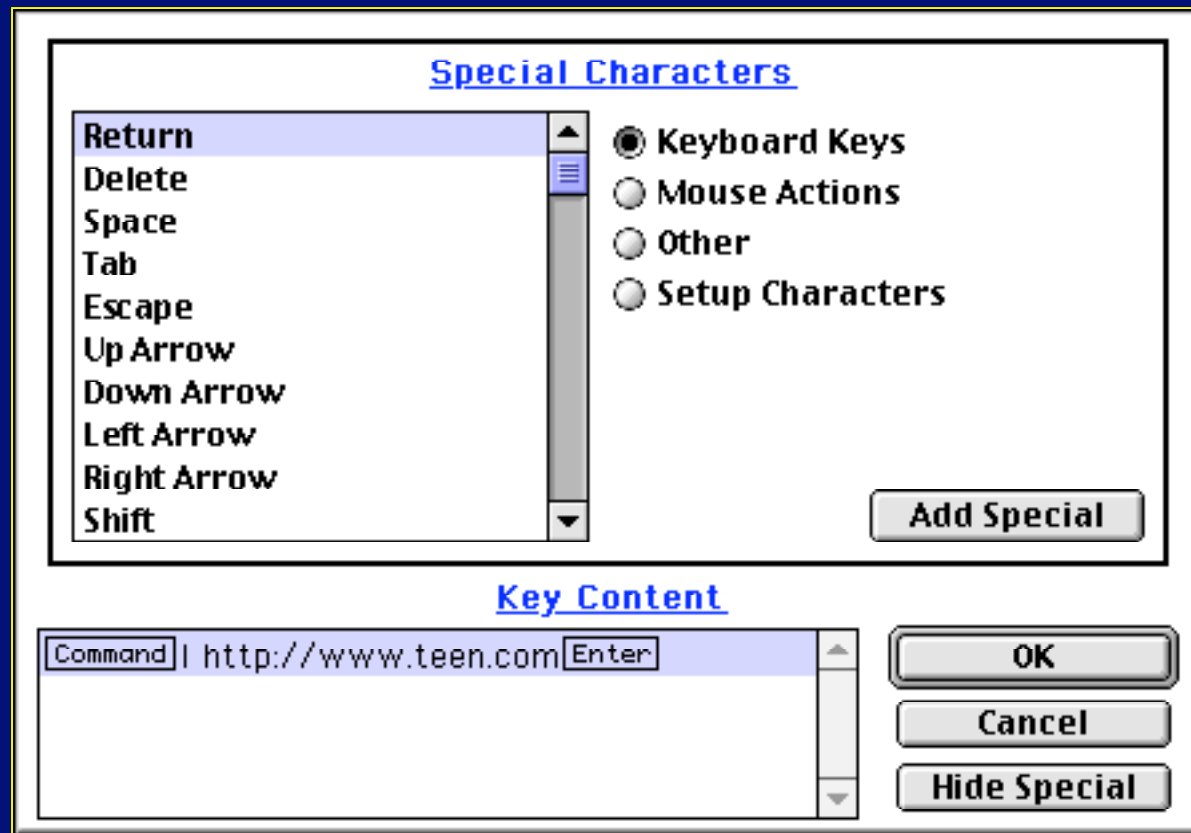
- Row 1: M, Up Arrow, K
- Row 2: Left Arrow, J, Right Arrow
- Row 3: Down Arrow
- Row 4: A, B, C, D, E, F, G, H
- Row 5: I, J, K, L, M, N, O, P
- Row 6: Q, R, S, T, U, V, W, X
- Row 7: Tab, Return, Y, Z

General Netscape Overlay



Making the Intellikeys overlay

- How to program OverlayMaker--- “The Code”
 - Refer to instruction sheet #2



Individualizing Overlays and where to find more information on the Internet

<http://chd.gse.gmu.edu/telecomm/main.html>

- Sites on the Internet broken down by curriculum area
- Reading Resources
- Overlays - Intellikeys and Discover
- Internet Tutorials