



Including Everyone: Accessible Technology in Education

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This machine is reserved for users with disabilities only. Please see ATL staff for access.

DYMO
LabelWriter
EL60

FLEXPRG



Accessibility Options [?] [X]

Keyboard | Sound | Display | Mouse | General

StickyKeys
Use StickyKeys if you want to use SHIFT, CTRL, ALT, or Windows logo key by pressing one key at a time.
 Use StickyKeys [Settings]

FilterKeys
Use FilterKeys if you want Windows to ignore brief or repeated keystrokes, or slow the repeat rate.
 Use FilterKeys [Settings]

ToggleKeys
Use ToggleKeys if you want to hear tones when pressing CAPS LOCK, NUM LOCK, and SCROLL LOCK.
 Use ToggleKeys [Settings]

Show extra keyboard help in programs

[OK] [Cancel] [Apply]

Accessibility Wizard [X]



Welcome to the Accessibility Wizard

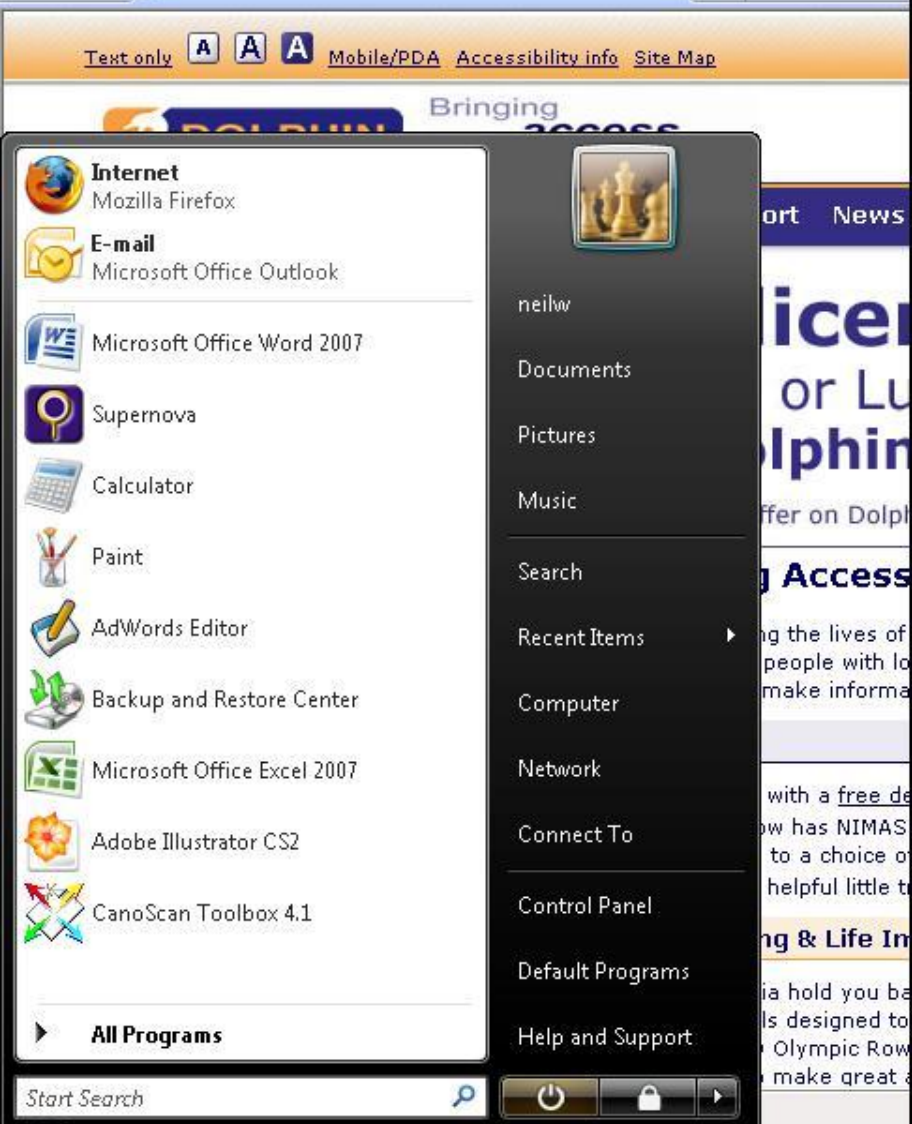
This wizard helps you configure Windows for your vision, hearing, and mobility needs.

If you are using an input device other than a mouse, instead of clicking, use the appropriate action to complete commands or select items throughout the wizard.

To continue, click Next.

[< Back] [Next >] [Cancel]





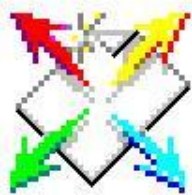
Microsoft Office Excel 2007



Adobe Illustrator CS2



CanoScan Toolbox 4.1



All Programs

Start Search





By a similar argument to the region in the xy -plane, and the horizontal lines $y = c$ and $y = d$ is rotated, then the volume of the resulting solid of revolution is

$$V = \int_c^d \pi x^2 dy = \int_c^d \pi [x(y)]^2 dy$$

We must express x (and any other dependent variable) in terms of the independent variable y before we attempt to antidifferentiate.

6.4.28 Solid of revolution and the y -axis.




Fig. 6.29 (a) A semicircular region that we rotate (b)

EXAMPLE 2 Use the method of cross sections to find the volume of a sphere of radius r .









General Purpose Java
Computing Labs
When Needed

All students have priority on this machine
when other lab machines are available

```
Behavior |  
of the given cell c  
which the behavior is acting  
c |  
// START DEFINITION HERE  
getNext(c, b, get());  
// END DEFINITION HERE
```







Information Resources Management Association

...an international association serving information providers and users

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Image Tag Accessibility Attributes 

Alternate text: 

Long description: 

If you don't want to enter this information when inserting objects, [change the Accessibility preferences.](#)



Well, here we are obviously in front of our nation's capitol.



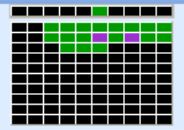
Terry Thompson
Technology Specialist
DO-IT

Meeting Audio

Arrange by Name

Terry	Green	Up
Andy	Purple	Down
Bobbie	Green	Down
Bucky	Green	Down
ckb	Green	Down

Call Someone
More Choices >>
Search list for person:



Feedback to Presenter Proceed

- Preparing for a Meeting
- Setting up your user preferences
 - Connecting to audio
 - Chatting
 - Switching to full screen view
- Next: Attending a Meeting
- Hot Topics | Assistance | Training | Downloads | Community

IT Accessibility

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Questions and Answers

No questions have been answered yet in this meeting.

Is this application accessible? Ask Delete

Students are Diverse!

- Socioeconomic Status
- Race, Ethnicity
- Culture, Language
- Gender
- Age
- Technology
- Ability

Ability on a continuum



See

Hear

Walk

Read print

Write with pen or pencil

Communicate verbally

Tune out distraction

etc.

Technology Accessibility: Who is Responsible?

- Special Education Teachers
- Teachers Using Technology
- Web Designers / Content Authors
- Authoring Tool Vendors
- Technology Vendors
- Publishers
- Procurement Officers
- Administration/Policy Makers
- Legislators?

Accessibility & The Law

- Section 504 of the Rehabilitation Act (1973)
- Individuals with Disabilities Education Act (1990)
- Americans With Disabilities Act (1990)
 - Title II (public entities, including public schools)
 - Title III (places of public accommodation, including private schools)
 - DOJ is proposing new rules related to web accessibility
- 3,165 disability-related OCR complaints against education institutions in FY 2008

Standards & Guidelines

- World Wide Web Consortium (W3C)
Web Content Accessibility Guidelines 2.0
 - Perceivable
 - Operable
 - Understandable
 - Robust
- Section 508 Standards
 - Federal law
 - Covers a wide variety of information technologies
 - Currently undergoing a refresh

File Edit View **Insert** Format Table Tools Help

Image...

Drawing...

Table...

Link... Ctrl+K

Equation...

Comment Ctrl+M

Footnote

Special characters...

Horizontal line

Page break (for printing)

Header

Footer

Bookmark...

Table of contents...



Web Acc

November 29 - De
Hotel Andra, Seat

The Web Accessib
Engineering, and f
and the technolog

The ultimate goal
software and info
administrative we
applications, inclu

Participants at th
universities, prima

Agenda

The agenda for the CBI was as follows:

Building Institute

was funded by the National Science Foundation (cooperative
directed at the University of Washington. The purpose of the C
strategies that lead to systemic change.

Successful participation of people with disabilities in STEM career
teams. Higher education institutions are exploring and beginning
risk excluding students and employees with disabilities. It is cr
ologies such as AJAX, Flex, and Flash.

World Wide Consortium (W3C), IBM, Google, Yahoo, Adobe,
United States.

More W3C Guidelines

- W3C Accessible Rich Internet Applications (ARIA)
 - Roles, states, and properties can be added to HTML elements
 - Browsers expose this information to AT
 - AT passes it on to the user
- User Agent Accessibility Guidelines 2.0 (draft)
- Authoring Tool Accessibility Guidelines 2.0 (draft)

Questions to *Always* Ask When Procuring Product

- ~~Is it accessible?~~
- Can users perform all functions without a mouse?
- Has it been tested using assistive technologies such as screen readers?
- Is accessibility documentation available (e.g., Voluntary Product Accessibility Template)?
- If an authoring tool, how does one create accessible content with it?

Questions?

