

Assistive Technology in the Classroom

Module 5 – AT to Support Participation

Module Activities

Think About This...

- Many times an assistive technology solution involves some type of computer system. Deciding which computer system will work not only for the student, but in the school environment takes some thought and planning.
- Which type of computer system would work best in your school?

Type of computer system

Any issues or challenges with access to peripheral technology (e.g. printer)

Any issues or challenges with setting up internet access? Saving files?



Try This...

Your own computer's accessibility features...

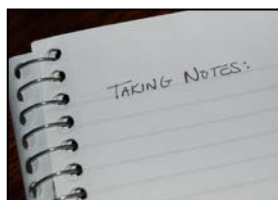
- Take a moment to explore these features on your own computer!
 - For Windows...
 - Start menu → Control Panel → Ease of Access Center
 - [Learn more about Windows Accessibility](http://www.microsoft.com/enable/products/default.aspx)
(<http://www.microsoft.com/enable/products/default.aspx>)
 - For Macintosh...
 - Dock → System Preferences → Universal Access
 - For iOS (iDevices)
 - Settings → General → Accessibility
 - [Learn more about MacOS / iOS Accessibility](http://www.apple.com/accessibility/osx/)
(<http://www.apple.com/accessibility/osx/>)

| Operating System Accessibility Features | How Feature Would Help Students |
|---|---------------------------------|
| | |

Keeping Track of Physical Access and Vision Technologies

In this module, we give quite a few examples of various physical access and vision technologies. Here is a place to keep notes while you watch these particular presentation slides. You might want to circle those technologies you would like to learn more about so you can do a “google search” on them at a later time...

| |
|-------------------------------------|
| Physical Access Technologies |
| Keyboard Options |
| Pointing Device Options |
| Vision Technologies |
| Low Vision Options |
| Blind / Dual Medium Options |



Think About This...

Voice Recognition Software

- What about students who can speak well but can't write?
- Is Voice Recognition Software an option?
 - What are some of the possible issues of using voice recognition software with students in school?
 - What types of students might be able to use it?

| Potential Issues using Voice Recognition Software with Students in Classrooms |
|---|
| <ul style="list-style-type: none">•••••••••• |



Watch this...

Watch one or more videos to see how switches can work to help increase student participation...

- [North Bristol NHS Trust](#) – AAC – Switch Scanning
- [Reading with Franz](#) – creative way to use a puppet to show the use of a switch with a web-based book
- [Using a Switch with an Interactive Whiteboard](#) – great instructions on how to set up a switch and switch interface

| What I learned about switch use... | What I would like to know more about switch use... |
|---|---|
| | |

If you are interested in learning more about switches and how to use them with students, check out these webcasts entitled “Building Skills of the Switch User” at...

<http://www.setbc.org/2005/11/building-skills-of-the-switch-user-kelly-fonner-2005/>



Module Activity

Explore low vision and blindness technologies at the Aroga website (www.aroga.com). Take note of interesting technologies or locate the ones identified during the presentation...

| Technology name | What would the technology allow the student to do in the classroom? |
|-----------------|---|
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Checklist of what I need to do...

To finish Module 5

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- _____
- _____
- _____

To prepare for Module 6

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- _____
- _____
- _____