GO
AT/IT

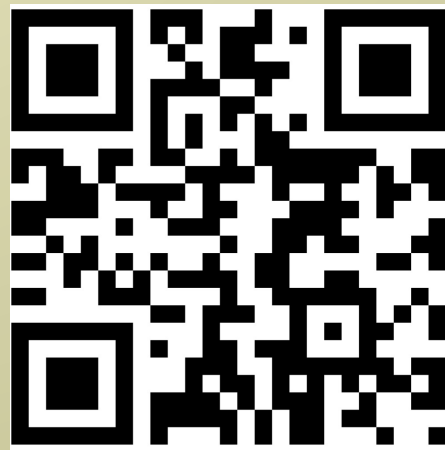# THE APPLE EDGE: INFORMATION TECHNOLOGY AS SUPPORTS IN THE WORKPLACE,
APSE JUNE 2013

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WISE **WASHINGTON INITIATIVE *for* SUPPORTED EMPLOYMENT**

Agenda:

1. Working with Apple; their stores and engineers

2. Learning cohorts; employment specialists

3. High School Transition Programs using equipment

4. Work with Voc Rehab's Assistive Technology Coordinators

5. iPad Learning Cohorts: How supported employees and employment specialists are using the equipment.

Agenda Continued:

1. Built in features that offer possibilities

2. Accessibility features

3. Introducing devices

4. Apps

5. AT for the iPad

6. Functional cases and accessories

There's A New Job Seeker

There are Digital Natives and a touch screen generation

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There's a New Way to Offer Supports
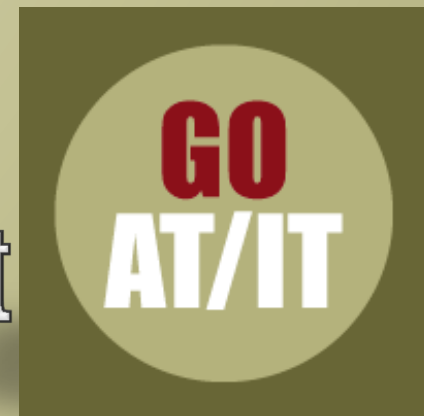
And We Gotta Catch Up!

A Job Seeker Moving From Sheltered Industry

A New Way to Market and Promote People

New Equipment and Techniques

New Day

And We Gotta Get

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The search began because I was meeting people........

Whose behaviors indicated communication and support frustrations

Who were learning to wait for verbal prompts from others

Who had limited opportunities for work because we thought they needed one-on-one supports

Who could recreate and relax on computers and handheld technology

What if students left school with....

..a scheduling and task cueing system?

..a way to communicate instantly and remotely?

..a way to connect socially and make plans?

..a way to share about themselves……ways to communicate "we are more alike than different"?

..a way to communicate, navigate, socialize, and organize, and it was all in one device?

Evolution to the New Natural

A new way for people to introduce themselves.

A new way to market the job seeker

A new way to do task analysis

A new way to job coach or mentor

A new way to fade supports

A new way to do ongoing supports

A new way to be a resource to the employer

Future: Smart homes & cars, robotics

Our Efforts Overall

- Creating and running iPad Learning Cohorts

- Demos and Q and A; with families, employment providers, teachers

- One-on-one sessions with individuals and families.

- Presentations Apple retail stores

- Family networking groups

- Social media campaigns, Facebook pages

- Tours in the Accessibility Showroom at Microsoft

Working With Apple Retail Stores

"Vision, hearing, cognitive and motor skills all fair game"

"The two-hour workshop introduces accessibility features of the iPad, iPhone and (briefly) the Mac. Leaving no stone unturned, they discuss various disabilities that could benefit from Apple's assistive hardware and software technology."

"He works at McDonalds, and needed a way to independently complete task lists," explained Teague. "So I had him use an app called Pictello, where we take pictures of him completing each task. These pictures remind him of the tasks he needs to do - it's very helpful."

Quotes from the article in deafREVIEW

Clark County, WA State

- Transition focused iPad Learning Cohort
- iPads to exiting students and transition specialists
- Weekly observations of students
- Goal: to increase employability and independence
- SLP, university researcher, county staff, teachers, and WiSe, students as participants
- Information sessions to families
- Story: Use of iPad for centering, communication, task sequencing

Working With Employment Oragnizations, WA State

iPad Learning cohorts with employment specialists.

Others invited as time progressed: VR, teachers

Membership reflects the community partnerships

Goal: to learn to use the equipment, be able to introduce it to job seekers, assess choice of apps on an individualized basis, place supported employees who use the devices as supports on the job

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Cohort at the Apple Store

Lessons Learned, Working With Learning Cohorts

Have two cohort members from each organization

Meeting frequency of once per month

Give assignments to complete

Have a way to connect once the initial cohort is completed

Make it fun

Get support from managers and EDs

A way for the community at large to get the information; community wide meetings or statewide workshops

Some equipment will break. Be prepared. Know when equipment was purchased, warranty info, and local private companies.

Good cases are worth it.

Get support from Managers and EDs

How will information get to other staff in the organization?

How will considering handheld devices be part of intake or Discovery?

How will equipment be available to others in the organization? What will the checkout policy be?

How will the staff get ongoing information about new equipment and apps?

How will new staff become versed in the equipment?

Work with Voc Rehab AT Coordinators

WA State has three Assistive Technology Coordinators

They divide the state geographically and support VR counselors in technology assessments and decisions on acquisition of equipment.

They work with WiSe in presentations, consultation, and outreach to VR offices.

What Equipment Should We Purchase?

For use by people experiencing intellectual disabilities:

Apple Handheld devices, hands down!

Why?

More accessibility features, more apps to choose from

For use by your staff in the field to move away from laptops and desk tops; verdict is out on Apple or other products such as the Microsoft Surface Tablet

<u>iPad 2, Retina & Mini</u> Larger - easier to touch and train on Easier for more than one person to look at, Wireless or 3G Better suited for creating documents, editing videos Mount to a wheelchair Front and back camera Not a phone $399 for the 2, $400 for the Retina, basic Apple Store site has a Refurbished list, same warranty	<u>iPhone</u> Phone capabilities Most apps work Internet anywhere if you pay for that plan More difficult to use if size is an issue social media options iPhone 4 available free with service plans	<u>iPod Touch</u> Not a phone Wireless connectivity Smaller, straps onto your arm allowing you to work Cheapest option iPod Touch 4th Generation, $199

We Are More Alike than Different

Basic ways to share about ourselves on the iPad:

Pictures, albums, slideshow, portfolios

Videos

Notes and Speak Selection

Email

Texting

Facebook

LinkedIn

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Portfolios or Talking Stories

iMovie app, Trailer mode is an easy solution.
http://www.apple.com/apps/imovie/

Ablenote app, makes great one page picture resume or scrapbook page
https://itunes.apple.com/us/app/ablenote/id370126768?mt=8

Powerpoint saved into Box or Dropbox, or Keynote on the device
https://www.dropbox.com/features

Pictello app, its not just task cueing
http://www.assistiveware.com/product/pictello

Skitch app, write on photos and share easily through Evernote
https://itunes.apple.com/us/app/skitch/id490505997?mt=8

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Ways to Communicate Remotely

- Texting: photos, saved sentences from notes, videos, emoticons, make photos of handwritten messages

- Emailing: put only a few addresses into contacts, pictures, videos, PDfs, photos of handwritten messages

- Facetime: real time voice, picture, body language, sign language, must be on wireless

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General & Accessibility Features

General Settings and Features

Guided Access

- Lock rotation
- Restrictions
- Siri
- Brightness

Built in Accessibility Features

- Guided Access
- Assistive Touch
- Speak Selection

Built In

Reminders

Contacts

Notes

Calendar

Messages

Clock/timer/alarm

Texting

Ability to customize the home screen

Camera

FaceTime

Photos

Music

iBooks

Maps

Introducing Devices to Job Seekers Gateway Apps

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Photos and videos

Texting photos

Introduce "cause and effect" by apps such as:

Little Puzzles African Plains

Bowling

FlickBBall

Talking Tom

Bingo

Be thoughtful about what environment you introduce "gateway" or fun apps. Not in the actual work environment

Apps of popular or cultural significance to the person (weather, trains, geography, horses, airports)

Communication

Proloquo2go
http://www.assistiveware.com/product/proloquo2go

TalkTablet
http://www.gusinc.com/2012/TalkTablet.html

Yes/No
https://itunes.apple.com/us/app/answers-yesno/id337470555?mt=8

Sign4Me

https://itunes.apple.com/us/app/sign-4-me-signed-english-translator/id312882992?mt=8

Penultimate

https://itunes.apple.com/us/app/penultimate/id354098826?mt=8

Careeer or "About Me" Portfolios

iMovie app, Trailer mode is an easy solution.
http://www.apple.com/apps/imovie/

Ablenote app, makes great one page picture resume or scrapbook page
https://itunes.apple.com/us/app/ablenote/id370126768?mt=8

Powerpoint saved into Box or Dropbox
https://www.dropbox.com/features

Pictello app, its not just task cueing
http://www.assistiveware.com/product/pictello

Skitch Notes

https://itunes.apple.com/us/app/skitch/id490505997?mt=8

Animoto video maker (free)
https://itunes.apple.com/us/app/animoto-video-maker/id459248037?mt=8

Portfolios or Stories

Photos, albums, slideshow, music: all built in features

Pictures With Words app

https://itunes.apple.com/us/app/pictures-with-words-free/id505057039?mt=8

Scheduling, Alarms, Checklists

•Visual Planner,
http://www.goodkarmaapplications.com/visual-schedule-planner.html

•Snipbase, picture lists,
http://snipbaseapp.com/

TouchGoal

https://itunes.apple.com/us/app/touch-goal-goals-habits-tracker/id305111535?mt=8

Task Cueing with Photos or Video

• Choiceworks http://beevisual.com/

• Pictello http://www.assistiveware.com/product/pictello

• FirstThen (android too)
http://www.goodkarmaapplications.com/itunes-apps.html

• Checkable, video checklist
https://itunes.apple.com/au/app/checkable-checklists-for-business/id440974561?mt=8

• First Then Visual Schedule HD

• https://itunes.apple.com/us/app/ftvs-hd-first-then-visual/id624035410?ls=1&mt=8

Nuts and Bolts Apps

Time Timer
https://itunes.apple.com/us/app/time-timer/id332520417?mt=8

Flexible Counter
https://itunes.apple.com/us/app/flexible-counter/id398076183?mt=8

Barcode/QR code scanner

Slide 2 Unlock
https://itunes.apple.com/us/app/slide/id359315994?mt=8

Skype

Calming and Coping Apps

- PocketPond
- Little Puzzles African Plains
- Calm Counter
- Choiceworks "waiting" and "feelings"

- Simply Yoga
- Trident Falling Stars
- Video modeling videos, iMovies, or Pictello stories
- Weather apps
- Bowling
- iBooks

Sharing, Cloud Storage

Notability

https://itunes.apple.com/us/app/notability-take-notes-annotate/id360593530?mt=8

Evernote

https://itunes.apple.com/us/app/evernote/id281796108?mt=8

Dropbox

https://itunes.apple.com/us/app/dropbox/id327630330?mt=8

Box

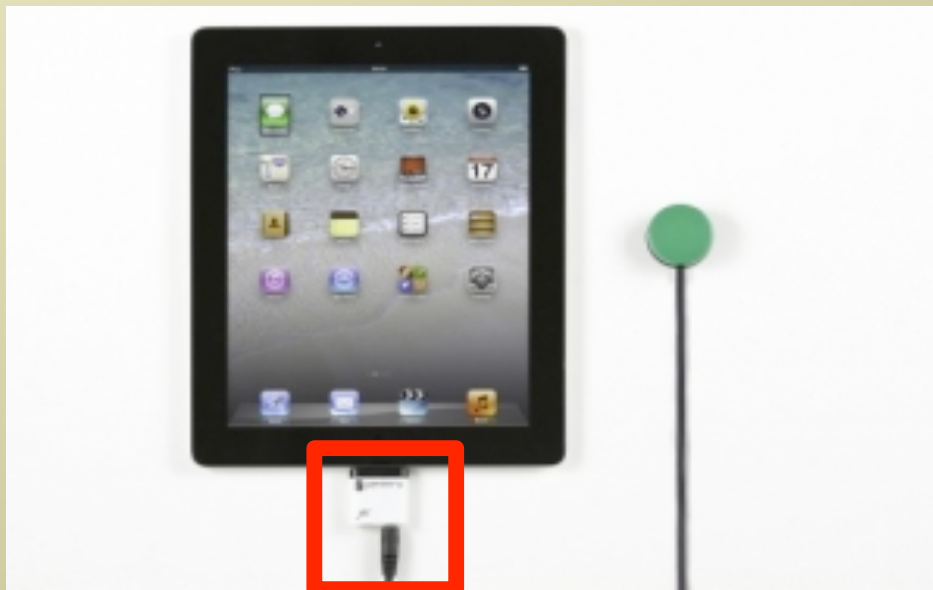https://itunes.apple.com/us/app/box-for-iphone-and-ipad/id290853822?mt=8

The Pererro by RSLSteeper

switch access device for apple touchscreen devices

simple, compact and light, plug and play adapter that powers directly from the iOS device, providing access to iOS on iPod touch, iPhone & iPad via Apple VoiceOver.

"It is designed to plug into the kind of switches that are widely available in the AT community and employed in many communication aids and environmental control devices.

The first-of-its-kind Freehand™ from AbleNet

computer access simply by touching fingers together on a special glove

http://www.ablenetinc.com/Assistive-Technology/Computer-Access/Freehand

The **wearable computer** interface

AbleNet
freehand™

Speck Handyshell Case

http://www.speckproducts.com/tablet-ipad-cases.html

Supershell Bumper Case

http://www.medgestore.com/products/ipad2-supershell.psp

John Lemus,
Past President People First of Washington

Self Advocates Step Forward

Encouraging social networking

Meeting remotely through Skype

Promoting their message through Facebook

Visiting and orienting the Apple Store

Promoting use of equipment at an early age, interfacing with schools & IEPs

John Lemus, Past President People First of Washington

"the continual thread of revelation" (Eudora Welty quote) Lessons Learned:

Communication is big

Give people the opportunity to share and ask questions

Let the leaders emerge and bring others along

Seek out new partners and resources

Try things out, don't just sit back and watch

Realize learning on handheld technology is an ongoing process, and things are always evolving

Encourage use across all domains of a person's life.

Systems, policies, and fear tend to separate people from devices

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Think "Person First"

Think Abundance and Opportunity,
Not Scarcity and Limitation

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WiSe Assistive and Information Technology
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http://www.facebook.com/#!/GoWiSeAT

General WiSe facebook page

http://www.facebook.com/GoWiSe