

Beyond Ramps and Restrooms: Inclusion through Technology

General Assembly

The Unitarian Universalist Association

Providence, Rhode Island

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Meredith Plummer

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Without technology, the human body is a pretty limited instrument. We cannot write without a pen or pencil, nor eat hot soup without a bowl and, perhaps, a spoon.

And yet, only certain technologies are labeled "assistive technologies": hearing aids, prostheses, wheelchairs. But surely our pens and pencils, bowls and spoons assist us as well. The human body is not very able all on its own.

Why Are Glasses Perceived Differently Than Hearing Aids?

Rebecca J. Rosen

The Atlantic, Dec. 3, 2013

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How we used to do it





Then things changed...

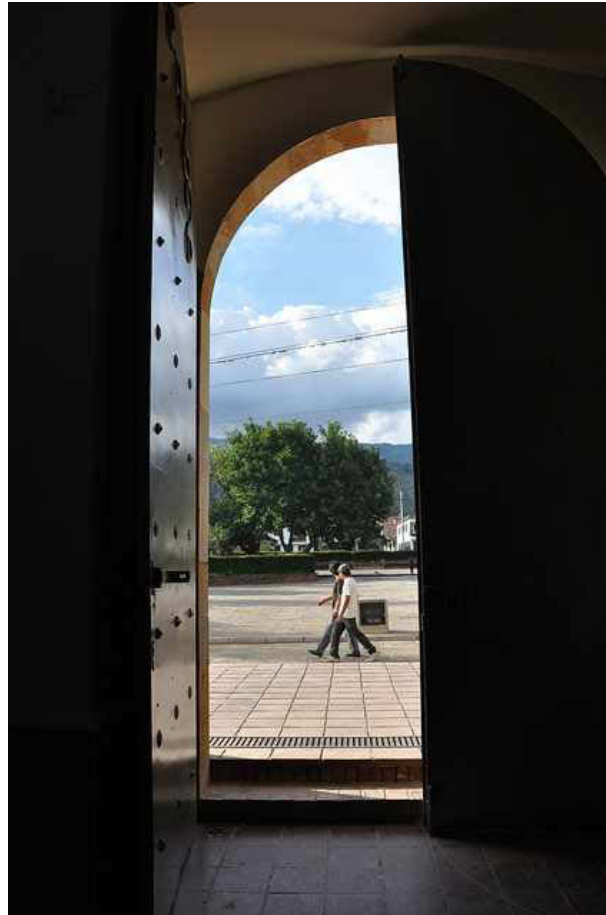
And now?



What might be next?



Beyond our walls



Audio Streaming

If you can't make it to a Sunday service, you can listen live on your computer via ShoutCast, a technology that broadcasts audio over the Internet. The service starts at 10:30 am and we usually start SHOUTcasting about 5 minutes before the service starts.

University Unitarian Universalist Society
Orlando, Florida



Transcripts

- help users who can't play sound (perhaps due to their location: at work, or on a commuter train with only their mobile device),
- are good for people who absorb information better by reading than by listening,
- help information to be unambiguous, and easily quoted or shared,
- allow content to be included in search results - audio alone is invisible to search engines,
- are useful to people who wish to scan the content before deciding to invest the time to watch or listen, and
- are good for users who can't or don't want to install the software or allow the security settings required to use multimedia files.
- And, of course, transcripts are critical for the deaf, who would otherwise be excluded entirely from participating.

Kasey Kruser, UUA

Video Streaming



- **Sunday Service Live!**
- We stream Sunday Service live at 10:00am, with repeats at 3:00pm and 7:00pm.
- [Click here to play](#)
- Follow along with the [Order of Service](#)
- If trouble with the above, try [Alternative streaming](#)

Unitarian Universalist Church of Nashua, NH

Captions

What you said

*We are a
community that is
warm and
welcoming to all*

What the captions could say

*We are a
commune of
harm and
hell forming to all*

Expanding the Boundaries of Congregational Life

SKYPE

FUZE

ZOOM



GOOGLE
HANGOUT

Keep an open mind

Exercise patience

Have faith

Promoting the Human Rights of People Living with Disabilities

Call 855-782-5763 (toll-free) and you will be connected to the office of one of your U.S. senators.

Deliver the following message:

“Hi, I’m [name], and I live in [home state]. I support swift U.S. ratification of the Convention on the Rights of Persons with Disabilities. We urgently need the protections for people living with disabilities to be supported and extended throughout the world. Please vote to support ratification of this treaty.”

5 Commandments for DRE's

When a Child in your Program has a Disability.

- Thou shalt make no assumptions.
- Thou shalt learn about the child by speaking directly to the child's parents.
- Thou shalt seek additional help and resources.
- Thou shalt accommodate.
- Thou shalt love, respect and recognize the inherent worth and dignity of the child with a disability – no different in their humanity as the next child.

Many Ways to Accommodate

Modified Instruction

Screen Reader

Fidget Box

Visual Schedule

**Aide
'Buddy'**

Large Print

Braille

Alternative & Augmented Communication

Adaptive Seating

Switch Activated Devices

Social Stories

Ramp

Hearing Loops

Adapted Restroom

Adaptive Utensils

Low Tech



Adaptive Seating

Picture from eSpecial needs and The Toned Bride

Adaptive Utensils

Pictures from AssistTech, Heritage Centers and eSpecial Needs



PECS

Picture from PECS-USA

Visual Schedules

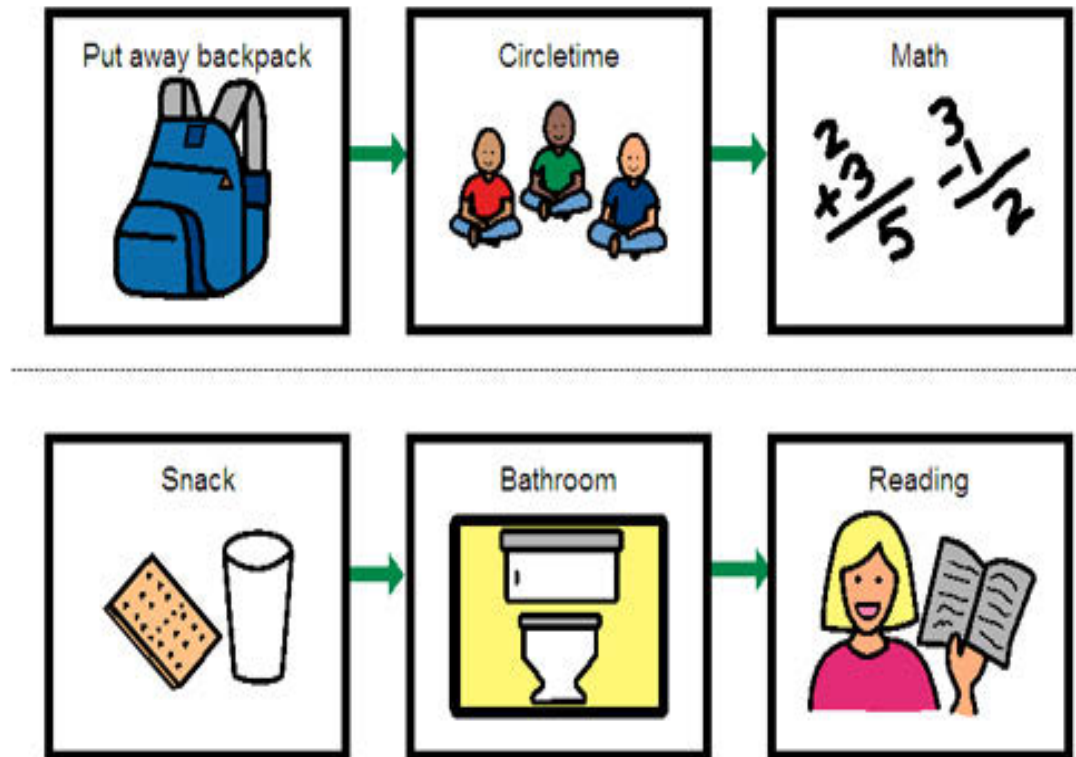
Pictures from Barb's Bantering Wordpress and Applied Behavioral Strategies Wordpress

Young Religious Unitarian Universalists



Bad Example
(Too much visually)

Morning Schedule



Good Example
(Simple words and Pictures)

Medium Tech



Switch Button Communication
Pictures from Ablenet



Switch Activated Toys
Picture from Enablemart



Switch Activated Utensils

Pictures from Enabling Devices and Adapting Creatively Blogspot

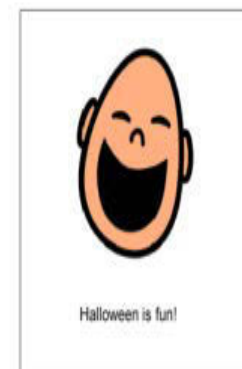
High Tech



Dynavox (AAC Device)
Picture from Dynavox Tech

Social Story Apps

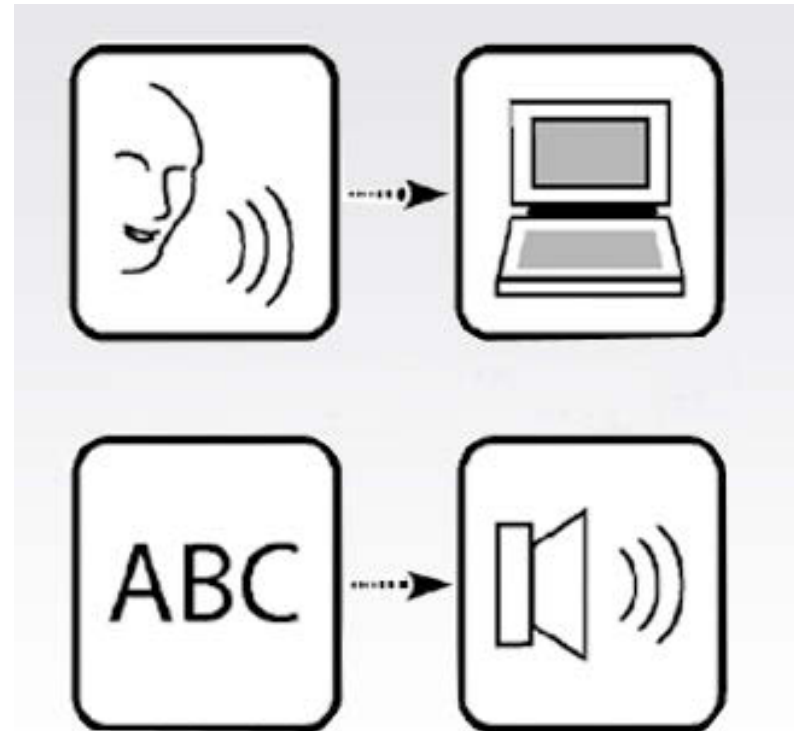
Pictures from Friendship Circle and Chitchat
and Small talk blogspot





Accessibility Settings

Picture from Apple Toolbox



Text to Speech

Speech to Text

Picture from Motorola Solutions

ANGRY OCTOPUS

A RELAXATION STORY

BY LORI LITE

ILLUSTRATED BY
MAN STASUYK

Apps

Picture from Stress Free
Kids

How to Reach Us

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“... technology is transforming the way that people with disabilities can participate in society in a very fundamental way. It is because change is happening so rapidly that it really is leveling the playing field in a very profound way.”

Mark Perriello, President and CEO

American Association of People with Disabilities