



# Charting the Life Course

**Independence, Inclusion and Access:**

Looking at Assistive Technology Devices and Services

**David Baker**

MO Assistive Technology



# Life Course Framework

**Life is a journey.**

*Our lives are not static, they change every day.*

**It's all about vision.**

*Anything is possible, with the right vision.*

**Everything is connected.**

*What you do today affects your life in the future.*

# Life Course questions



- **How can technology assist you with helping me with daily activities?**



- **Is there technology to assist me with school activities?**



- **Are you helping me explore assistive technology that would help with learning employment and adult living skills?**



- **Is there assistive technology that can help me with my daily activities?**



- **How can technology assist me to live as independently as possible and age in place?**



Assistive technology devices and services can help people with disabilities have **greater control** over their own lives; **participate in, and contribute more fully**, in activities in their homes, schools, and work environments, and in their communities; **interact to a greater extent with people who do not have disabilities**; and otherwise benefit from **opportunities** that are **taken for granted** by people who do not have disabilities.

[TECHNOLOGY-RELATED ASSISTANCE FOR INDIVIDUALS WITH DISABILITIES ACT AMENDMENTS OF 1994 (P.L. 103-218)]

# WHAT'S THE BIG DEAL ABOUT assistive technology?



# Charting the Life Course

**Independence, Inclusion and Access:  
Looking at Assistive Technology Devices and Services**

**David Baker  
MO Assistive Technology**

# Assistive Technology



# Who Am I?

- Program Coordinator at Missouri Assistive Technology
- Over 15 years of experience with application of assistive technology
- Believe we live in time in which we can better assist people with disabilities



# Webinar Objectives

- Participants will be able to identify assistive technology that can support people with disabilities in all areas of the lifespan.
- Participants will be able to identify resources in Missouri to learn more about assistive technology.
- Participants will be able to identify funding resources.



# Definition of AT and AT Services

## Devices



“any item, piece of equipment or product system, whether acquired commercially off the shelf, modified or customized, that is used to increase, maintain, or improve the functional capabilities of children with disabilities.”

## Services



“any service that directly assists an individual with a disability in the selection, acquisition, or use of assistive technology.”

# Who Uses Assistive Technology?

- Assistive technology is used by persons who
  - are deaf or hard-of-hearing
  - are blind or have low vision
  - have mental or psychiatric disabilities
  - have cognitive/developmental disabilities
  - have physical/motor disabilities
  - have multiple or invisible disabilities

# AT Continuum

## No Tech

Simple Modifications  
Without Technology

## Medium Tech

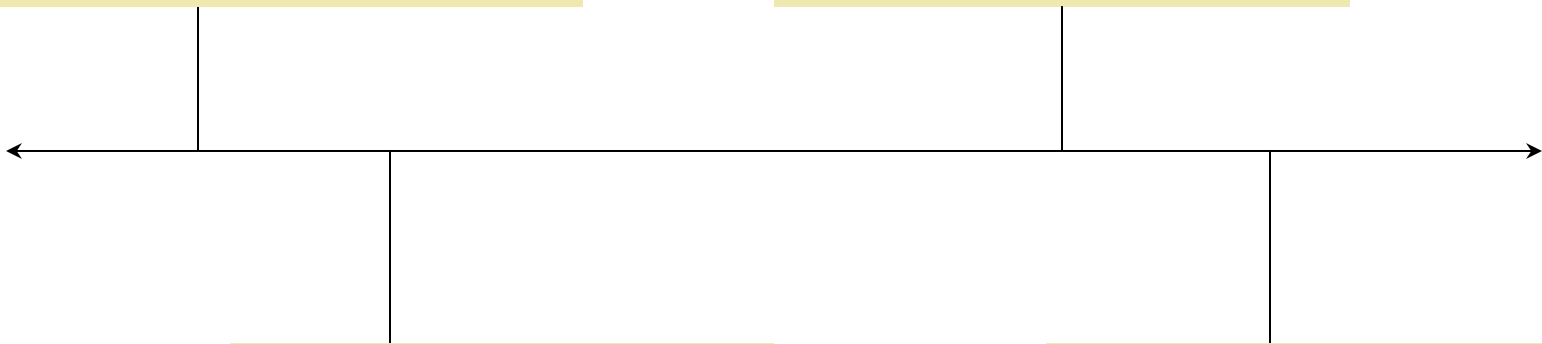
Relatively Complicated  
Mechanical Devices

## Low Tech

Less Sophisticated  
Low-cost Tools

## High Tech

Very Advanced  
Computers and Digital Devices



# Daily Living



Braille Labeler



Screen Magnification



Electronic Enlarging



Screen Reading

# Daily Living



Adapted Keyboards



Touch Monitors



Mouse Alternatives

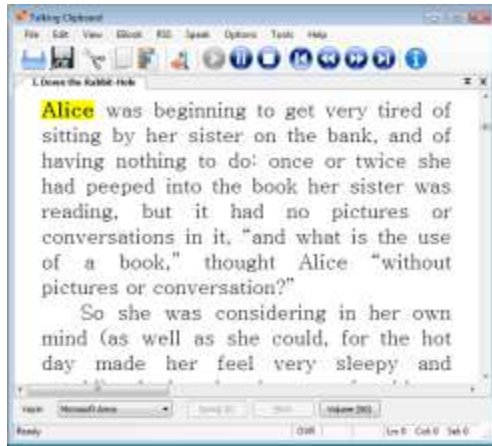


Adjustable Furniture

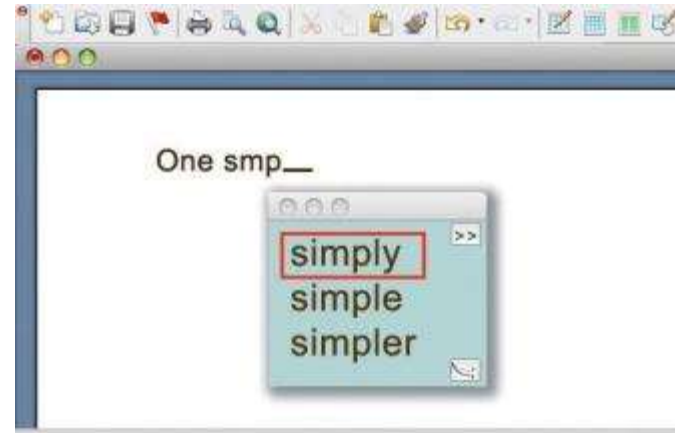


Ergonomic Adaptations

# Daily Living



Speech-to-Text Software



Word Prediction Software



Voice Input Software



Livescribe Pen

# Daily Living



Assistive Listening Device



Ubi-Duo



Amplified Telephone



Alerting Devices



# Community Living



Big Number/Color  
Contrast Measuring Cups



Vegetable Slicer



High Contrast / Specialized  
Cutting Boards



Finger Scrubber



One-Handed Can and Bottle Openers



Non-Skid Mats



# Community Living



Utensil Cuff



EZGrip Weighted Utensils



Rocker Knife



←Adapted Dishware →



# Community Living



Writing Aids



Voice-Activated Clocks



Books Stands / Page Holders



Power Scrubbers



Long-Handled Duster

# Community Living



T-Turning Handle



Cord Puller



Wall Switch  
Extension Handle



Door Knob Extender



Lamp Switch Enlarger

# Community Living



Chore Pad HD



Grocery Gadget



Photo Cookbook



Big Day



Side Kick



Weather Station

# Social & Spirituality



Dynamic Display



Text to Speech



Digitized Device



Voice  
Amplification



iPad

# Social & Spirituality



Large Print Playing Cards and  
Card Stander



Adapted Games



Adapted Gardening Tools



iBooks

Readers

# Healthy Living



Medication Schedulers



Medication Minders



Emergency Communication Devices



Health Monitors



Emotional Control

# Safety & Security



Remote Door Lock



Doorbell with Flashing  
Strobe and Chime



Flashing/Silent Call  
Smoke Alarm



Door Wedge Alarm



Personal Alert System



# Funding Assistive Technology

- Medicaid
- Medicare
- Private Insurance
- School Districts
- DMH Waiver Programs
- Non-Profit Agencies
- Philanthropies

# Assistive Technology Resources

## MOAT Programs

- Show-Me Loans Program
- ETC Program
- TAP-T Program
- TAP-I Program
- Demonstration Centers
- Device Recycling & Exchange Programs
- AT Consultations



**800-647-8557**

**[www.at.mo.gov](http://www.at.mo.gov)**



**@MissouriAT**

# Survey

Please take the time to fill out your evaluation of this webinar and tell us what you thought!

[surveymonkey.com/s/f2ftechnology](https://surveymonkey.com/s/f2ftechnology)



# Special Thanks

- David Baker, MO Assistive Technology
- MODHSS Special Health Care Needs
- Missouri Developmental Disabilities Council
- DMH Regional Offices & Family Support Coordinators



# For more information

Contact

**Missouri Family to Family**

800-444-0821

[mofamilytofamily.org](http://mofamilytofamily.org)



facebook



Twitter

**UMKC-Institute for Human Development**

[www.ihd.umkc.edu](http://www.ihd.umkc.edu)

