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?

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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

<table>
<thead>
<tr>
<th>No Tech</th>
<th>Medium Tech</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simple Modifications</td>
<td>Relatively Complicated</td>
</tr>
<tr>
<td>Without Technology</td>
<td>Mechanical Devices</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Low Tech</th>
<th>High Tech</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less Sophisticated</td>
<td>Very Advanced</td>
</tr>
<tr>
<td>Low-cost Tools</td>
<td>Computers and Digital Devices</td>
</tr>
</tbody>
</table>

Daily Living

- Braille Labeler
- Electronic Enlarging
- Screen Magnification
- 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
- E2Grip Weighted Utensils
- Rocker Knife
- Adapted Dishware

Community Living

- Writing Aids
- Voice-Activated Clocks
- Books Stands / Page Holders
- Power Scrubbers
- Long-Handled Duster
Social & Spirituality

- Large Print Playing Cards and Card Stander
- Adapted Games
- Adapted Gardening Tools
- Readers

Healthy Living

- Medication Schedulers
- Medication Minders
- Emotional Control
- Emergency Communication Devices
- Health Monitors

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

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Survey

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

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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

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