Technology Solutions for All

Assistive Technology Academy Series
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Preamble

A few words about technology

"For people without disabilities, technology makes things easier. For people with disabilities, technology makes things possible."

- Mary Pat Radabaugh

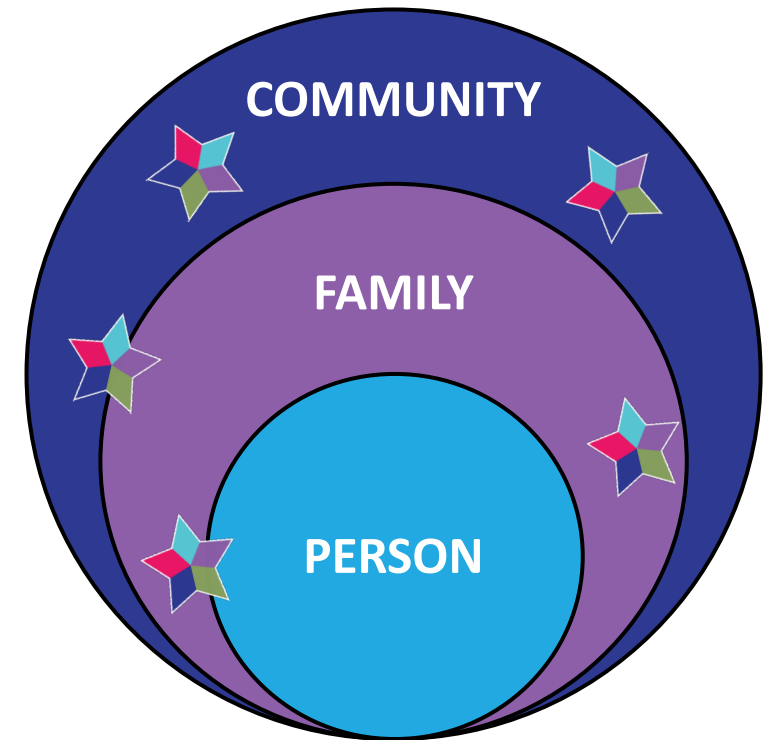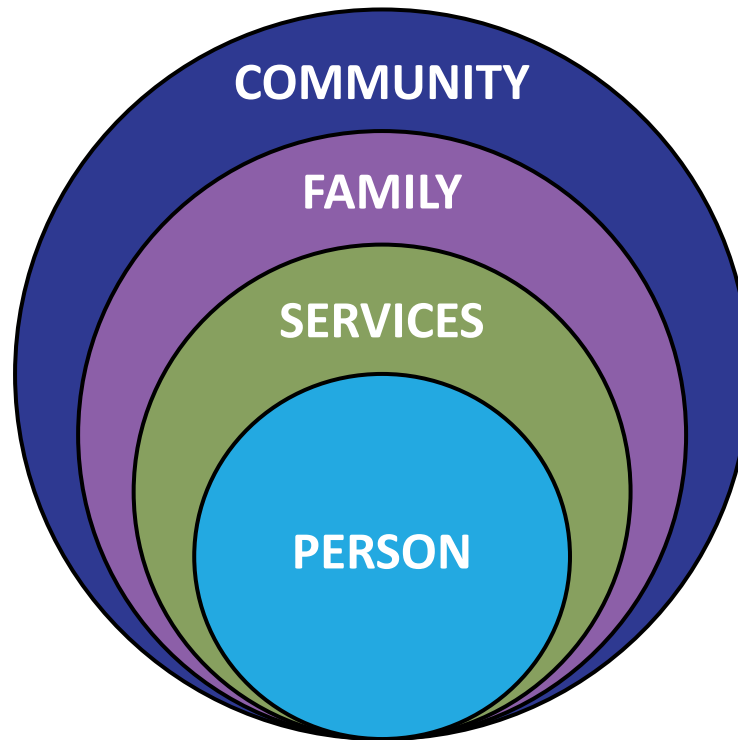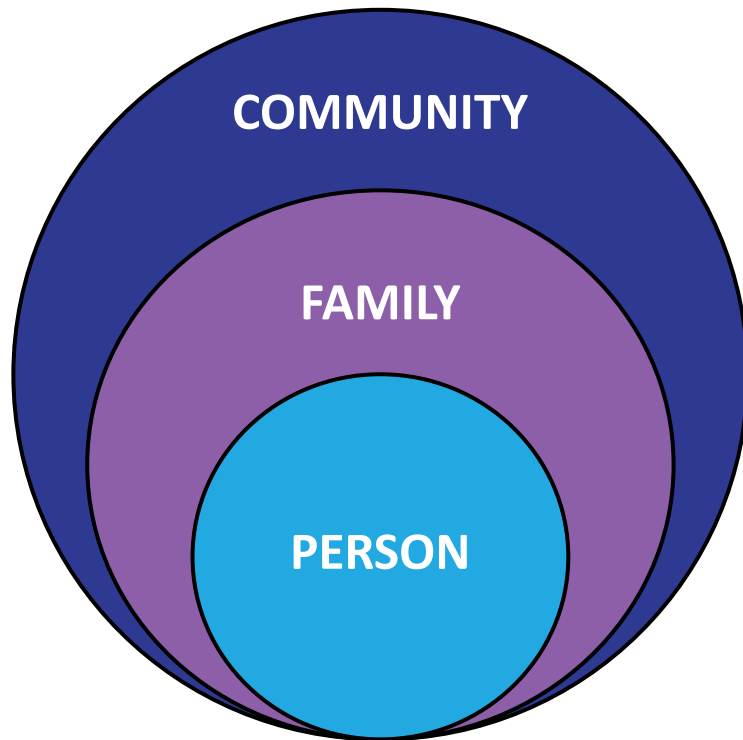"All Technology is Assistive Technology."

- Sarah Hendren

Charting the LifeCourse

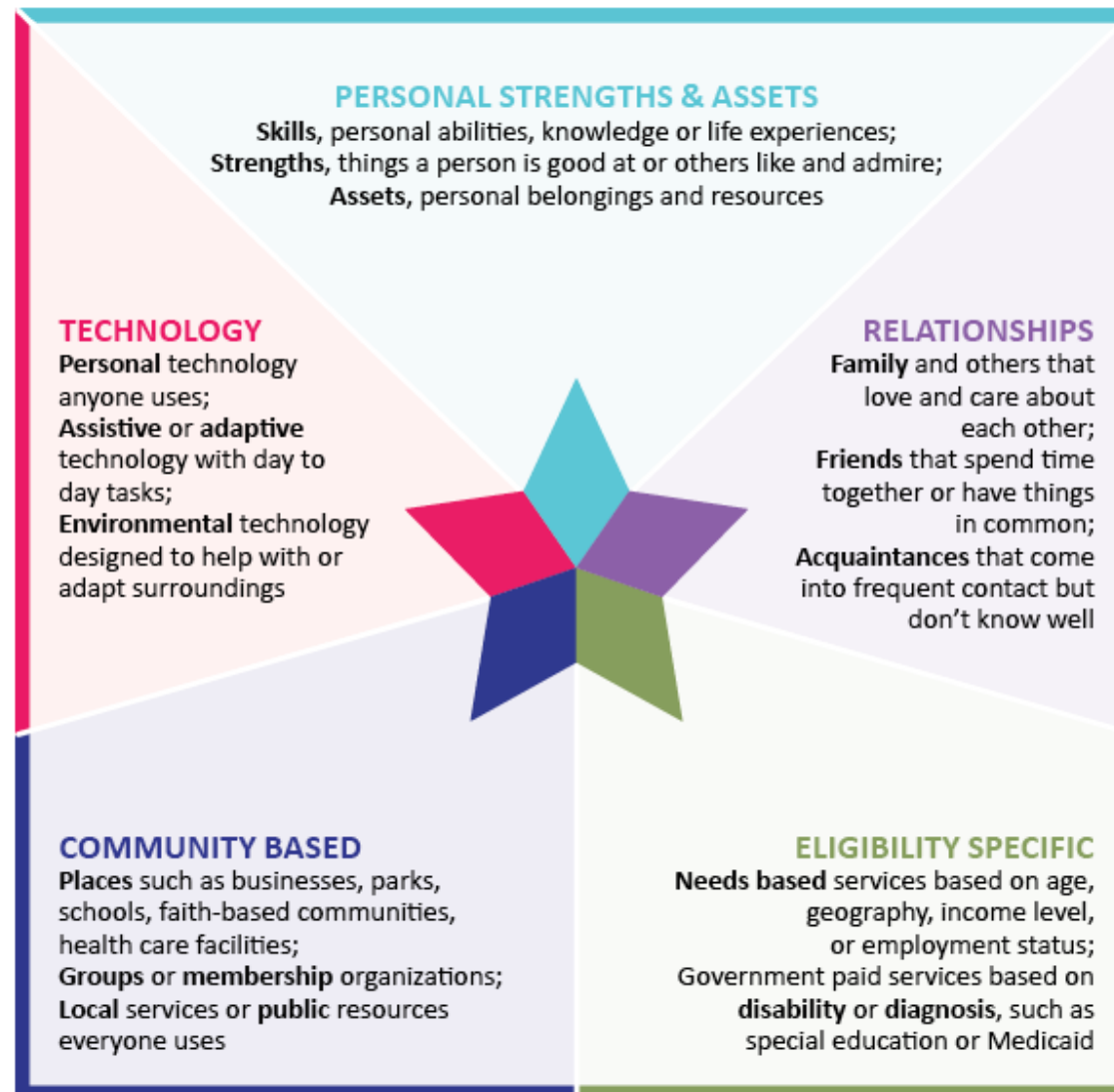Created for people and families of all abilities and ages to:

- Explore life possibilities
- Share ideas, hopes, and fears
- Set higher expectations
- Problem-Solve and Plan Goals
- Navigate Future
- Advocate for Vision

Integrating Services in Support Systems

PERSONAL STRENGTHS & ASSETS
Skills, personal abilities, knowledge or life experiences;
Strengths, things a person is good at or others like and admire;
Assets, personal belongings and resources

TECHNOLOGY
Personal technology anyone uses;
Assistive or **adaptive** technology with day to day tasks;
Environmental technology designed to help with or adapt surroundings

RELATIONSHIPS
Family and others that love and care about each other;
Friends that spend time together or have things in common;
Acquaintances that come into frequent contact but don't know well

COMMUNITY BASED
Places such as businesses, parks, schools, faith-based communities, health care facilities;
Groups or **membership** organizations;
Local services or **public** resources everyone uses

ELIGIBILITY SPECIFIC
Needs based services based on age, geography, income level, or employment status;
Government paid services based on **disability** or **diagnosis**, such as special education or Medicaid

- Medical or health related mobile apps
- Service related apps
- Wearable medical or health related trackers
- Assistive smart home technologies
- Hearing/vision/cognitive assistance related devices
- Medical alert system/device

- Falls
- Problems taking medications
- Can't afford home modificaitons

Vision for What I Want

- To age in place
- More independent
- Safer
- Healthier
- Have greater mobility

- Easy to use
- Easy to set up
- Accessible via an app
- Wireless
- Voice activates
- Discreet product design

What I Don't Want

- Move somewhere new
- Feel like a burden
- Risk my safety

- Between 13% and 26% of the U.S. population is categorized as having a disability.

- Anyone who may have difficulty speaking, typing, writing, remembering, pointing, seeing, hearing, learning, walking and many other things.

- All of us

Common Myths About Assistive Technology

- AT always involves an electronic device and is always high-tech.

- AT only needs to be considered for individuals with certain types of disabilities.

- AT is expensive

- There are prerequisites to using AT

- What worked great for one individual will work great for another individual

- It's someone else's responsibility

- Only individuals who specialize in AT can consider, assess, explore, etc.

Levels of Technology

No Tech	The use of simple tactics, changes, or methods to solve problems or reach goals.
Low Tech	The most common form of assistive technology. Simple, low-cost devices that don't require a power source.
Mid Tech	More advanced than low-tech devices. Often battery operated. Do not require much skill or training.
High Tech	Most complex and costly type of assistive technology. Often computer-based with many advanced features. Can require lots of training.
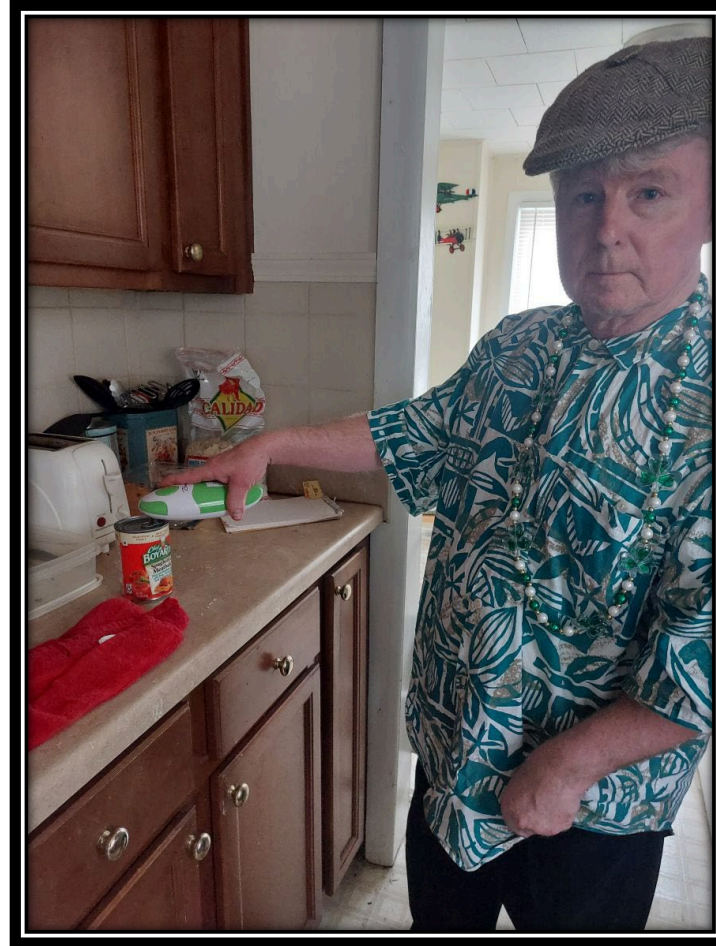
What is Pathway to Technology Solutions

Pathways to Technology Solutions Is…

- A framework and tools to help individuals plan and organize around AT.

- Designed to build capacity to understand, consider, explore, access and implement AT and related services.

- For service providers, serve as a template for adopting and incorporating best practices into their service delivery models.

- Founded on the idea that assistive technology and related services are an integral part of the life span for individuals with disabilities.

- An approach that stands in contrast to the "expert" model.

- Focuses on increasing knowledge and skills of everyone
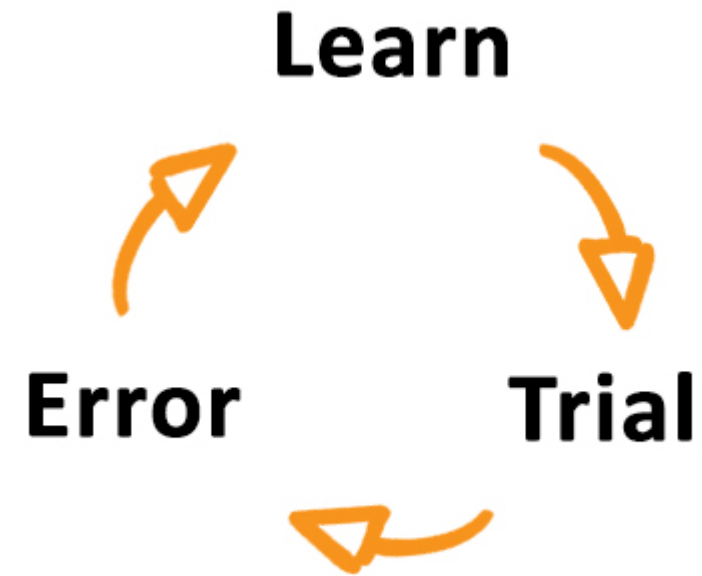
Pathways to Technology Outcomes

- Education and Training

- Skill Development

- Professional Growth

- Collaboration and Networking

- Advocacy and Policy Development

Bringing it All Together

- Exploring

- Generating

- Selecting

- Using

- Refining

CtLC Planning Pathway to Technology Solutions

Planning Phases	Planning Activity
Exploring Person's Vision, Needs and Environment	• Understand the person (vision, needs, strengths) and goals for AT • Identify the environmental considerations and current supports • Explore secondary impacts or outcomes? (staffing, decrease fears) • Discuss what has been used in the past
Generating Technology Solutions	• Identify the goal, function, activity and tasks that AT will assist with • Explore technology by matching all factors with features of technology
Selecting Technology Solutions	• Identify the specific tech solutions • Determine roles of person, AT team and support circle • Identify how and who will get the device or solution • Develop the training and onboarding plan
Using the Technology Solution	• Develop implementation timeline for person learning about, launching and using solution with ease • Identify what short- and long-term success looks like • Does it appear to meet needs
Refining Technology Solution	• Were any important factors missed during exploration • Determine how often need to check-in during implementation • Identify when to continue or abandon current solution

What's Next
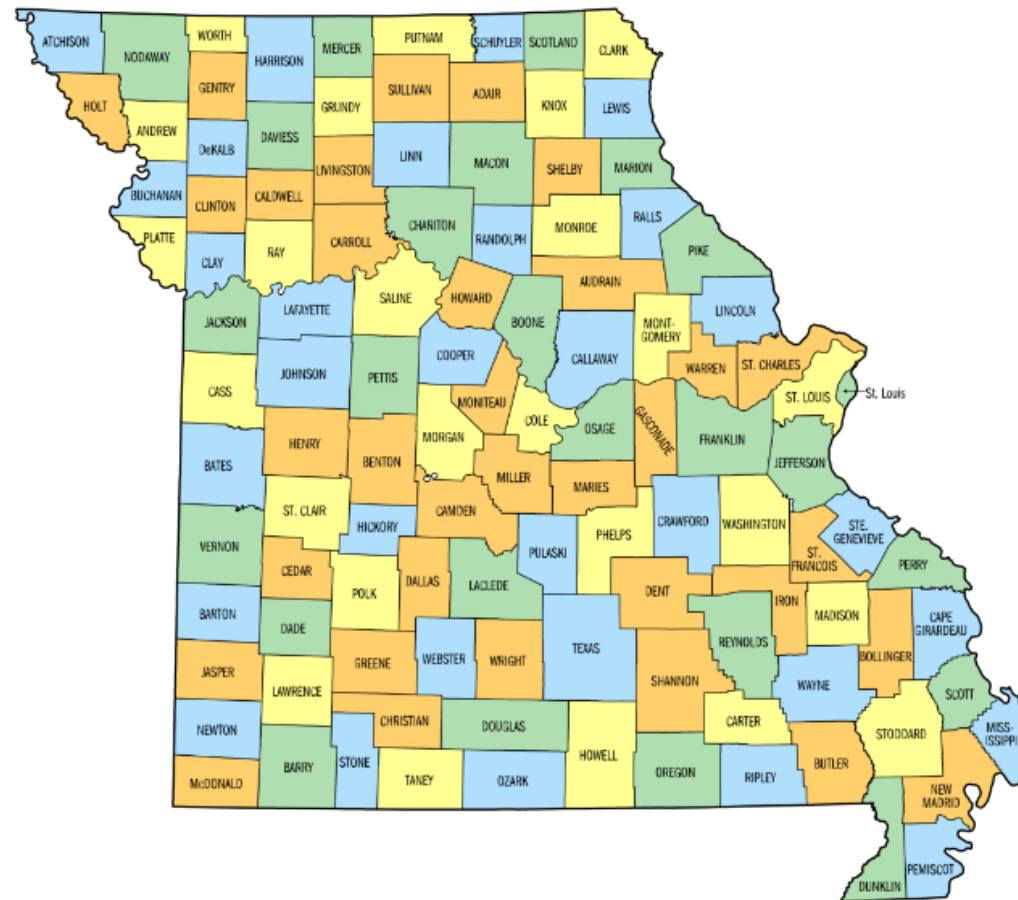
Missouri Open Door Series | Opening Doors to Integrated Supports

Benefit Series
Missouri Open Door

2nd Wednesday of every month

12:30-1:30 pm CST

Technology Series
Missouri Open Door

4th Wednesday of every month

12:30-1:30 pm CST

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