CONNECTING PEOPLE WITH DISABILITIES TO THE TECHNOLOGY THEY NEED

KANSAS CITY DIGITAL INCLUSION SUMMIT
OCTOBER 17, 2014

The Whole Person
People with Disabilities Leading Independent Lives

thewholeperson.org

ABOUT TWP

The Whole Person
People with Disabilities Leading Independent Lives

Connecting people with disabilities to the resources they need.

The Whole Person envisions a fully integrated community of equality, where opportunities and choices are not limited by disability. We promote a world in which people with disabilities will exercise independent choices and join with their supporters to advocate for positive change within society and its systems.

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CENTER FOR INDEPENDENT LIVING

- Leader in representing people with disabilities in the greater Kansas City metropolitan area
- Private, nonprofit corporation that provides a range of community-based services to people with disabilities
- We promote empowerment, independence, self-reliance and integration into the community
- TWP is consumer controlled as well as consumer focused
- A majority of our board of directors and staff are people with disabilities.
- Strives to help people with disabilities identify and implement resources appropriate to their situation
- Provides services at no cost for all people with disabilities and their families

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OUR SERVICES

WHO WE SERVE

- People with disabilities
- Parents, spouses, siblings, significant others of people with disabilities
- Schools, businesses, local government agencies
- Volunteer organizations
- Hospitals, health and medical organizations
- Civic, churches and religious organizations
- Veterans and any organization or business seeking assistance

PROGRAMS

- Independent Living Services
- Personal Assistant Services
- Employment Services
- Individual and Systems Advocacy
- The Whole Family Project
- Mental Health Services
- Deinstitutionalization
- Peer Support
- Information and Referral
- Telecommunications Access Program (TAP)
- Youth Services
- Deaf and Hard of Hearing

SUPPORT GROUPS

- Mental Health Peer Group
- LGBTQ Social Support Group
- My New Life Journey: HIV/AIDS Peer Support Group
- Spinal Cord Injury Peer Mentoring Group
- Deaf and Hard of Hearing Peer Group
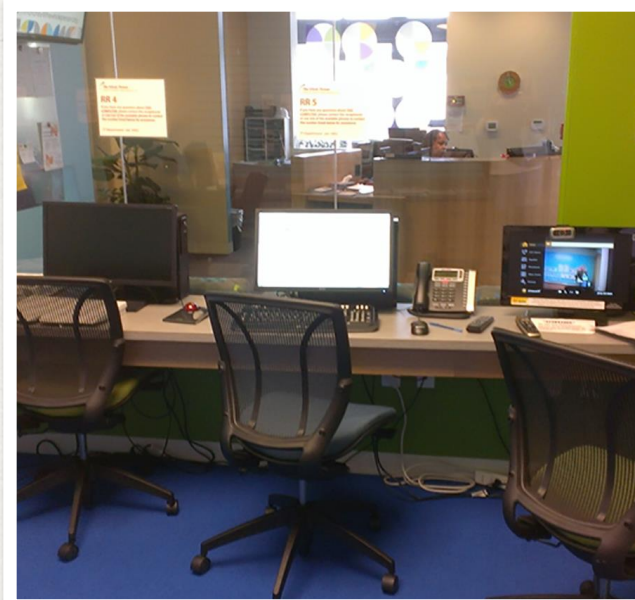- Women with Disabilities Support Group (Coming 2015)

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THE DISABILITY DIVIDE

FAST FACTS

- **1 in 5**
- **1 in 10**
- **Commonalities & Challenges within the numbers**
  - Low Income
    - *Access to wireless & high-speed internet*
  - Low Education
    - *2-5*
  - Seniors
  - Exclusion

TWP RESOURCE ROOM

The Whole Person's Community Resource Room in the lobby of our building, offers assistive technology to consumers.

Due to a grant received from the UPS Foundation, the charitable arm of UPS, TWP was able to purchase computers, adaptive equipment, software, and supplies to furnish this space.

The Resource Room is open M-F, 8:00am-5:00pm.

ASSISTIVE TECHNOLOGY

The Rehabilitation Institute of Kansas City (RIKC) exists to help those we serve achieve greater independence at home, school or work, and in the community. A comprehensive team of professionals provides the support, encouragement, knowledge, and skills needed to help individuals succeed in their rehabilitation process.

SUZIE WILEY, OTR – R!KC

The Rehabilitation Institute of Kansas City

Occupational Therapist
Coordinator of Assistive Technology

- Medical Rehabilitation
- Employment Placement
- Disability Services
- Neuropsychology and Rehabilitation
- Driving Services

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ASSISTIVE TECHNOLOGY

Devices and services used to increase, maintain or improve the abilities of persons with disabilities to enjoy full inclusion and integration into the community.

 - RESNA

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TECHNOLOGY FACTS

GENERAL U.S. POPULATION

- 81% are Internet users
- 53% Facebook subscribers
  (Internet World Stats 6/30/2012)
- 98% of general users are on social media
- Social networking 95% of Internet users over 55 years and older
  (Folio World Media Report 12/30/11)

PEOPLE WITH DISABILITIES

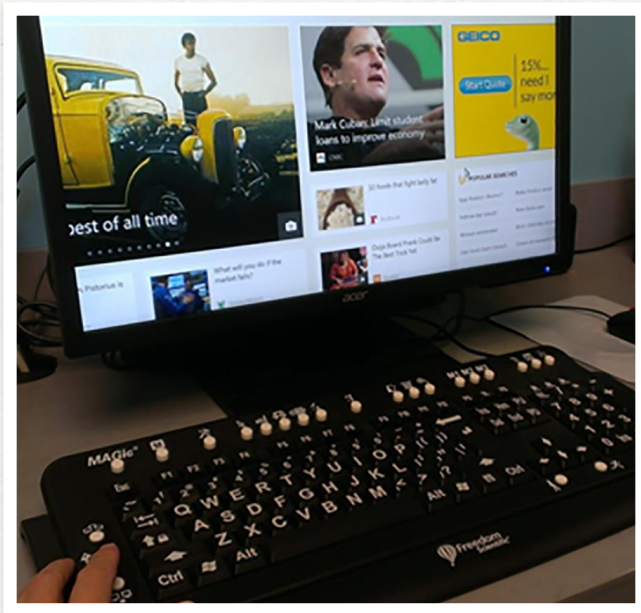- 54% use the Internet
  (Pew Internet Project 2012)

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TWP RESOURCE ROOM

The room is outfitted with specific equipment dedicated to the needs of people with disabilities. These are vital tools in TWP's efforts to empower people with disabilities to achieve gainful employment and independence.

All resources are available for public use to try the adaptive software and hardware and for people who do not have computers at home.

- Free and open to the public
- Showcases technologies
- Workstations with specific needs & accommodations
- Screen reading software

MAGNIFICATION Tools

MAGic is a screen magnification and screen reading solution for low vision computer users.

MAGic can help the user with business applications, documents, email, and the Internet.

MAGic displays smooth, crisp letters, even at high magnification levels.
This station uses a large print keyboard.

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KEYBOARDS Adaptions

Large print keyboards make using the computer easier for low vision users. These keyboards feature large, bold text and high contrast colors, making it easier to identify letters and symbols.

KEYBOARD/MOUSE Adaptions
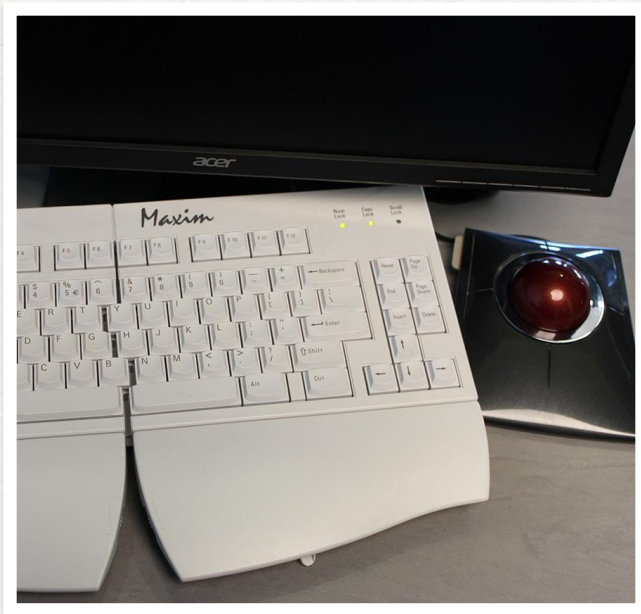
Custom Ergonomic Keyboard

An ergonomic keyboard is for use by individuals with upper extremity disabilities and those who experience pain and fatigue when keyboarding. The V shape of the keyboard minimizes muscle strain on the hands and wrist.

Trackball Mouse

Trackballs are for use by those with a mobility impairment. The control surface of the trackball is easier to manipulate than the standard keyboard and mouse.

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DRAGON NATURALLY SPEAKING

Dragon Naturally Speaking is a speech recognition software, that lets the user dictate documents, search the web, use email and more on the computer using their voice.

JAWS Software
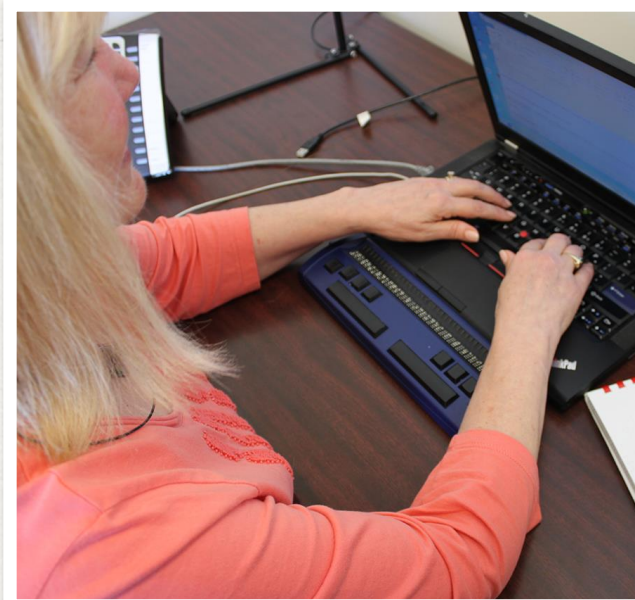
JAWS (Job Access With Speech) is a computer screen reader program developed for computer users whose vision loss prevents them from seeing screen content or navigating with a mouse. The software helps users browse the web, send and read email, utilize spreadsheets, and access databases.

SORENSON Video Phone

This adapted telephone is available for individuals who are unable to use standard telephone equipment. The video phone allows the Deaf and Hard-of-Hearing to communicate with Deaf and hearing family, friends and business contacts. A video relay service allows the user to place and receive calls with a professional American Sign Language (ASL) interpreter via a videophone and internet connection.

TAP-T Telecommunications Access Program

Adapted telephones for individuals who are unable to use standard telephone equipment due to a disability

- Text telephones
- Amplified telephones
- Hands-free and remote controlled telephones
- Voice dialing and Braille dial pads
- Photo Phones

R!KC ACCT Program

**ADAPTIVE COMPUTER AND COMMUNICATION TECHNOLOGY PROGRAM**

ACCT Program focuses on the use of assistive technology for everyday needs at home, work, school, and in the community. Together, participants and experienced staff explore assistive technology tools that will address an individual's specific needs, relating to:

- Computer access – regardless of physical limitations
- Augmentative and alternative communication (AAC)
- Learning disabilities
- Home and environmental modification consultations
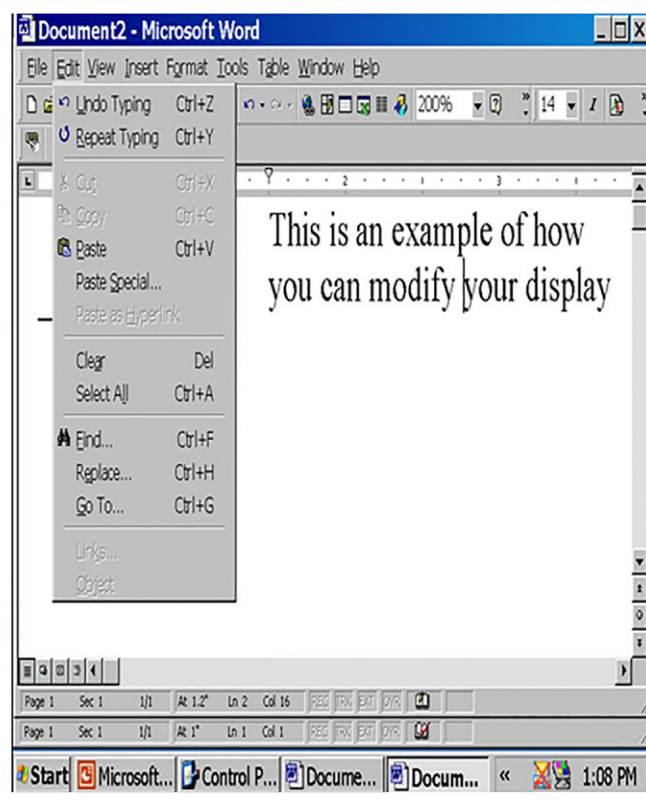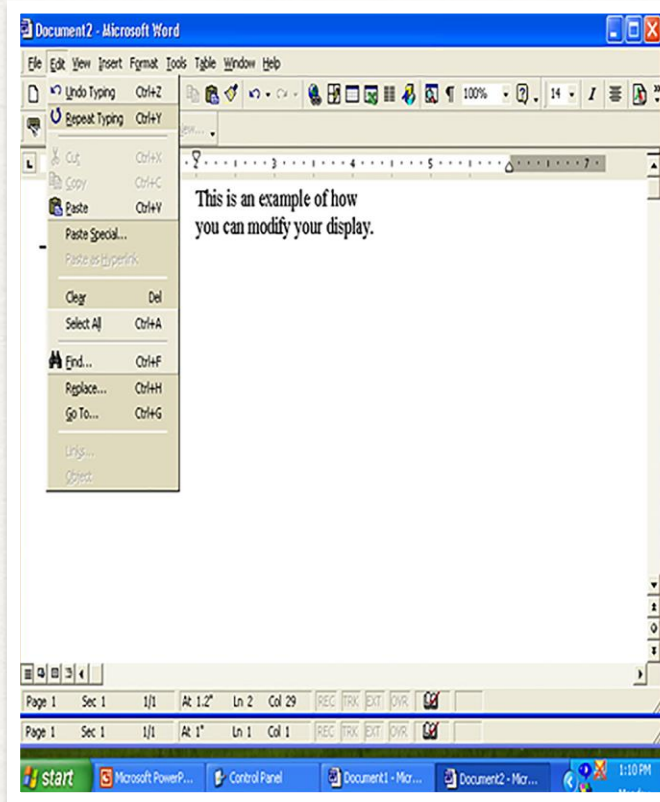- Individualized training

Our staff is dedicated to providing greater success, independence and productivity through effective use of assistive technology.

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PHYSICAL ACCESS
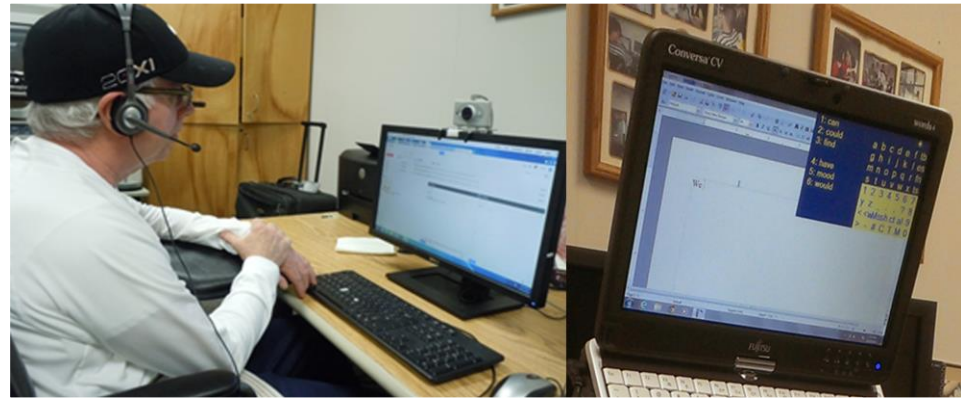
Changes within Windows Ease of Access

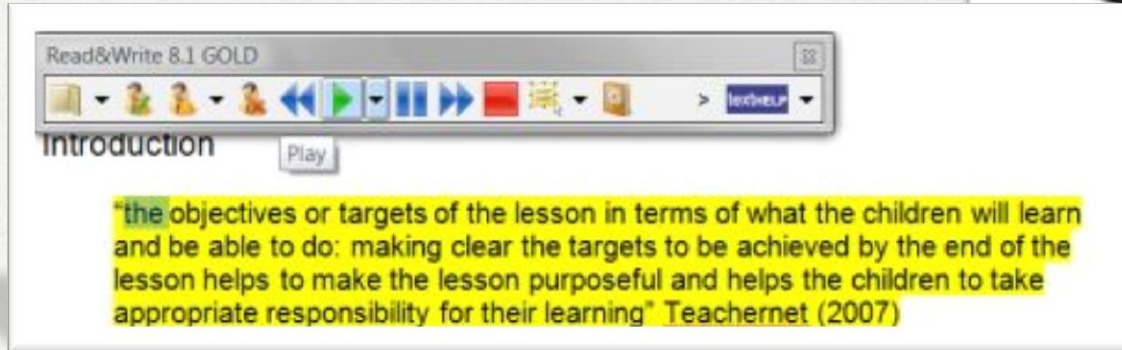- Standard vs. Extra Large Scheme
- Sticky Keys
- Zoom in/out

EYEGAZE CONTROL & INPUT

Eye-operated communication and control system that empowers people with disabilities to communicate and interact with the world. By looking at control keys or cells displayed on a screen, a user can generate speech either by typing a message or selecting pre-programmed phrases.

ACCESS TO TEXT

Text to speech software

Read&Write 8.1 GOLD

Introduction   Play

"the objectives or targets of the lesson in terms of what the children will learn and be able to do: making clear the targets to be achieved by the end of the lesson helps to make the lesson purposeful and helps the children to take appropriate responsibility for their learning" Teachernet (2007)
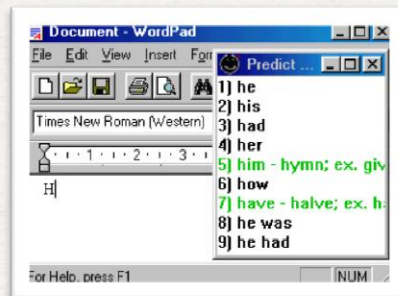
TAP-I Telecommunications Access Program

Provides adaptive computer equipment needed for basic access to the Internet and e-mail

- Adapted keyboards
- Voice input software
- Text to speech software for reading the screen
- Adapted Mouse input
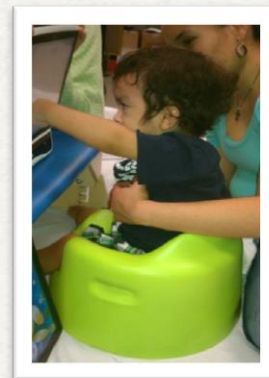
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DIGITAL INCLUSION

SHEILA STYRON

The Whole Person

Public Policy Specialist, ACTCP
Past President of Guide Dog Users, Inc.

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DIGITAL INCLUSION LEGISLATION

- Rehabilitation Act of 1973

- Section 503: Education

- Section 504: Basic Civil Rights Prior to ADA

- Section 508 Standard for Electronic and Information Technology for Internet accessibility
- ADA Amendments Act (**ADAAA**) of 2008: **Telecommunications** (Title IV)
- Twenty-First Century Communications and Video Accessibility Act of 2010 (CVAA)

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DIGITAL ASSISTIVE TECHNOLOGIES LEVEL THE PLAYING FIELD

- At Home
- At Work
- At Play

MOAT

MISSOURI ASSISTIVE TECHNOLOGY
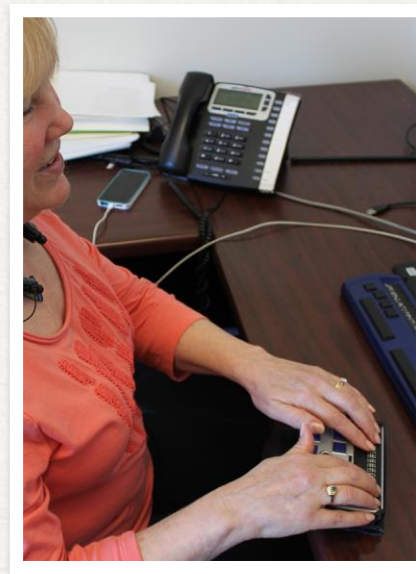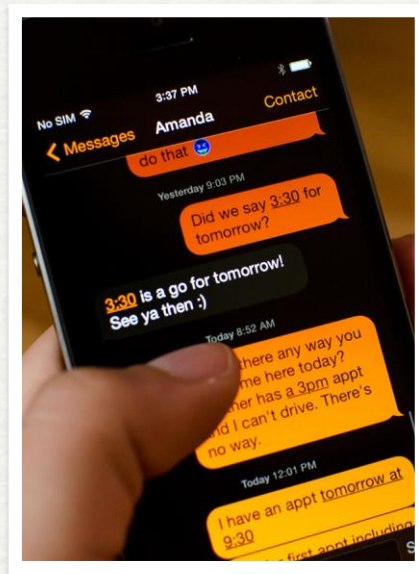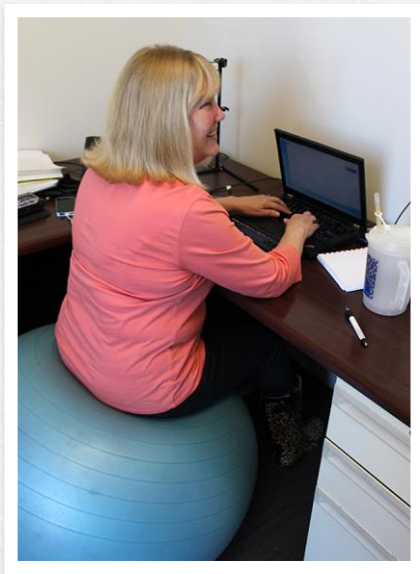
Missouri Assistive Technology (MOAT) strives to increase access to assistive technology for Missourians with all types of disabilities, of all ages.

Missouri Assistive Technology
1501 NW Jefferson Street, Blue Springs, MO 64015

Voice: 800-647-8557 (in-state only) or 816-655-6700
TTY: 800-647-8558 (in-state only) or 816-655-6711
FAX: 816-655-6710
Email: MoAT1501@att.net

Web: www.at.mo.gov
Facebook: www.facebook.comMOAssistiveTechnology
Twitter: @MissouriAT

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QUESTIONS?

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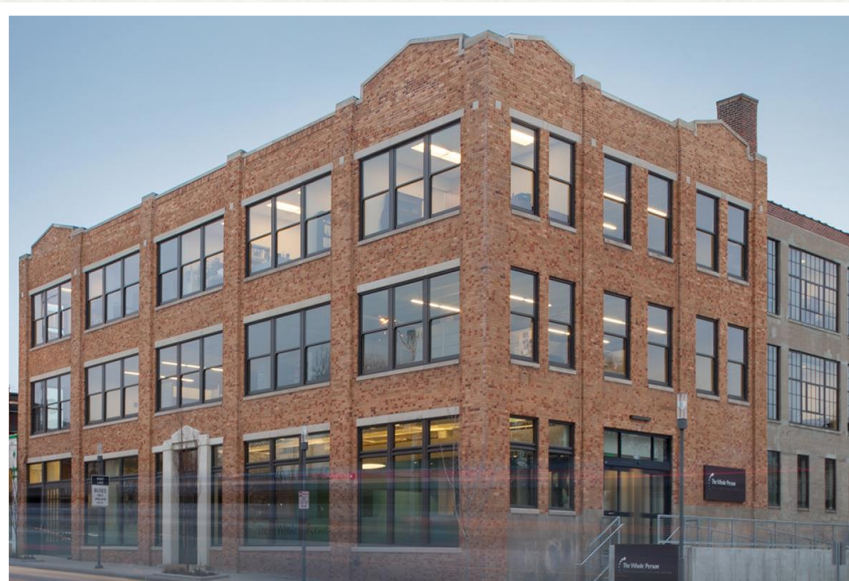**EMAIL:** info@thewholeperson.org
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TURN IN YOUR WORKSHEETS, PLEASE!

Take digital pictures & leave worksheets behind.

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