alternate access assistive technology

Alternate Access Assistive Technology: Bridging the Gap to Digital Inclusion

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Keywords: alternate access assistive technology, assistive technology, accessibility, inclusive design, disability, digital inclusion, alternative input methods, adaptive technology, user experience, usability

Abstract: This article provides a comprehensive examination of alternate access assistive technology, exploring the multifaceted challenges and exciting opportunities presented by this rapidly evolving field. We delve into the diverse needs of users, the technological advancements driving innovation, and the crucial role of inclusive design principles in ensuring effective and equitable access to information and technology for all.

1. Introduction: The Expanding Landscape of Alternate Access Assistive Technology

The digital age has undeniably transformed the way we live, work, and interact. However, for individuals with disabilities, full participation in this digital world often remains a significant challenge. This is where alternate access assistive technology (AAAT) plays a vital role. AAAT encompasses a broad range of technologies designed to provide alternative ways of accessing digital information and functionalities for individuals whose typical interaction methods are limited or impaired due to various disabilities, including visual, auditory, motor, cognitive, and learning disabilities. This includes everything from screen readers and alternative input devices to voice recognition software and specialized hardware.

1. Challenges in Implementing Alternate Access Assistive Technology

Despite the clear need and the technological advancements, significant challenges hinder the widespread

adoption and effective implementation of AAAT.

Accessibility Gaps in Software and Hardware: Many commercially available software and hardware applications are not designed with accessibility in mind from the outset. This results in incompatibility with many AAAT tools, creating frustrating and unproductive user experiences. This lack of universal design principles is a major impediment to seamless integration of AAAT.

Cost and Affordability: High-quality AAAT can be expensive, putting it out of reach for many individuals and organizations. The financial burden can be particularly challenging for individuals with low incomes or limited access to funding programs.

Complexity and Training: Some AAAT tools are complex to configure and operate, requiring significant training and technical support. This can be a barrier for both users and support staff, leading to underutilization and user frustration. The learning curve for both users and support staff poses a significant challenge to successful implementation of alternate access assistive technology.

Lack of Standardization and Interoperability: The absence of widely accepted standards and protocols for AAAT creates significant interoperability problems. Different assistive technologies may not work well together, leading to fragmented and inefficient user experiences. This lack of coordination across platforms and devices significantly hinders the effectiveness of alternate access assistive technology.

Social and Attitudinal Barriers: Negative perceptions and attitudes towards disability can create significant social and attitudinal barriers to the adoption and effective use of AAAT. A lack of understanding and awareness among colleagues, educators, and service providers can hinder the integration of AAAT into daily life.

1. Opportunities in Alternate Access Assistive Technology

Despite the challenges, there are significant opportunities for advancement in the field of AAAT:

Advances in Artificial Intelligence (AI): AI has the potential to revolutionize AAAT through improved speech recognition, natural language processing, and personalized adaptive learning. AI-powered tools can offer more intuitive and user-friendly interfaces, adapting to individual needs and preferences.

The Rise of Inclusive Design Principles: A growing awareness of the importance of inclusive design principles is leading to the development of software and hardware that are inherently accessible. This shift towards "design for all" reduces the need for specialized assistive technologies in many cases.

Growing Accessibility Standards and Regulations: The increasing adoption of accessibility standards, such as WCAG (Web Content Accessibility Guidelines), is driving improvements in the accessibility of digital

content and applications, making them more compatible with AAAT.

Affordable and Open-Source Technologies: The availability of affordable and open-source AAAT is expanding access for individuals who may not be able to afford commercial solutions. This democratization of technology is a critical step towards greater digital inclusion.

Innovation in Alternative Input Methods: Advancements in alternative input methods, such as brain-computer interfaces, eye-tracking technology, and gesture recognition, are opening up new possibilities for individuals with severe motor impairments to access digital information and interact with technology.

1. The Future of Alternate Access Assistive Technology

The future of alternate access assistive technology looks promising. Continued research and development in AI, inclusive design, and alternative input methods will drive further innovation. A greater emphasis on user-centered design, involving individuals with disabilities in the design and development process, will ensure that AAAT is truly effective and meets the diverse needs of users. Increased collaboration among researchers, developers, policymakers, and disability advocacy groups will be crucial to overcome the challenges and realize the full potential of AAAT. Furthermore, a shift toward proactive accessibility, where accessibility is considered from the beginning of the design process rather than as an afterthought, will dramatically improve the usability and adoption of alternate access assistive technology.

1. Conclusion

Alternate access assistive technology is essential for bridging the digital divide and ensuring equal access to information and opportunities for individuals with disabilities. While challenges remain in terms of cost, complexity, and standardization, significant opportunities exist through advancements in AI, inclusive design, and alternative input methods. By embracing a user-centered approach and fostering collaboration across stakeholders, we can create a more inclusive and equitable digital world for everyone.

Frequently Asked Questions (FAQs)

1. What types of disabilities can benefit from alternate access assistive technology? AAAT benefits individuals with a wide range of disabilities, including visual impairments, hearing impairments, motor impairments, cognitive impairments, and learning disabilities.

1. Are there free or low-cost alternate access assistive technology options available? Yes, many open-source and free assistive technologies are available, along with government and non-profit programs offering financial assistance for assistive technology.

1. How can I find appropriate alternate access assistive technology for my needs? Consult with an assistive technology specialist or rehabilitation professional to determine the best technologies for your specific needs and abilities.

1. What is the role of inclusive design in alternate access assistive technology? Inclusive design principles ensure that technology is accessible to everyone from the outset, reducing the need for specialized assistive technologies.

1. What are some examples of emerging technologies in alternate access assistive technology? Emerging technologies include AI-powered tools, brain-computer interfaces, eye-tracking technology, and gesture recognition.

1. How can I get training on how to use alternate access assistive technology? Many organizations offer training programs on the use of various assistive technologies. Check with local rehabilitation centers or assistive technology providers.

1. What are the legal and regulatory frameworks surrounding alternate access assistive technology? Various laws and regulations, such as the Americans with Disabilities Act (ADA), mandate accessibility in digital environments, driving the development and adoption of AAAT.

1. What is the difference between assistive technology and alternate access assistive technology? While all alternate access assistive technology is assistive technology, not all assistive technology provides

alternate access. AAAT specifically addresses alternative ways to interact with technology.

1. How can I advocate for better access to alternate access assistive technology? Support organizations working to improve access to assistive technology, advocate for inclusive design principles, and raise awareness about the importance of digital inclusion.

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interfaces, benefitting users with and without disabilities. Gaze Interaction and Applications of Eye Tracking: Advances in Assistive Technologies focuses on interactive communication and control tools based on gaze tracking, including eye typing, computer control, and gaming, with special attention to assistive technologies. For researchers and practitioners interested in the applied use of gaze tracking, the book offers instructions for building a basic eye tracker from off-the-shelf components, gives practical hints on building interactive applications, presents smooth and efficient interaction techniques, and summarizes the results of effective research on cutting edge gaze interaction applications.

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and valuable perspective, and provides insider knowledge on current best practices, corporate policies, and technical instructions. Together, we can ensure that the world of digital information is open to all users. - Learn about the societal and organizational benefits of making information technology accessible for people with disabilities - Understand the interface guidelines, accessibility evaluation methods, and compliance monitoring techniques, needed to ensure accessible content and technology - Understand the various laws and regulations that require accessible technology - Learn from case studies of organizations that are successfully implementing accessibility in their technologies and digital content

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purposes. This book is essential for occupational therapists, speech therapists, physiotherapists, neurologists, caregivers, psychologists, practitioners, medical professionals, medical technologists, IT consultants, academicians, and students interested in assistive technology interventions for people with neurological impairments.

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alternate access assistive technology: The Promise of Assistive Technology to Enhance Activity and Work Participation National Academies of Sciences, Engineering, and Medicine, Health and Medicine Division, Board on Health Care Services, Committee on the Use of Selected Assistive Products and Technologies in Eliminating or Reducing the Effects of Impairments, 2017-09-01 The U.S. Census Bureau has reported that 56.7 million Americans had some type of disability in 2010, which represents 18.7 percent of the civilian noninstitutionalized population included in the 2010 Survey of Income and Program Participation. The U.S. Social Security Administration (SSA) provides disability benefits through the Social Security Disability Insurance (SSDI) program and the Supplemental Security Income (SSI) program. As of December 2015, approximately 11 million individuals were SSDI beneficiaries, and about 8 million were SSI beneficiaries. SSA currently considers assistive devices in the nonmedical and medical areas of its program guidelines. During determinations of substantial gainful activity and income eligibility for SSI benefits, the reasonable cost of items, devices, or services applicants need to enable them to work with their impairment is subtracted from eligible earnings, even if those items or services are used for activities of daily living in addition to work. In addition, SSA considers assistive devices in its medical disability determination process and assessment of work capacity. The Promise of Assistive Technology to Enhance Activity and Work Participation provides an analysis of selected assistive products and technologies, including wheeled and seated mobility devices, upper-extremity prostheses, and products and technologies selected by the committee that pertain to hearing and to communication and speech in adults.

alternate access assistive technology: Principles and Practices in Augmentative and Alternative Communication Donald Fuller, Lyle Lloyd, 2024-06-01 A definitive textbook for students in speech-language pathology, audiology, and communication sciences and disorders, Principles and Practices in Augmentative and Alternative Communication offers students an introduction to augmentative and alternative communication (AAC) and prepares them for working with clients with complex communication needs. Editors Drs. Donald R. Fuller and Lyle L. Lloyd and their contributors provide a foundation for the development of assessment and intervention procedures and practices within the framework of the communication model and its major components: the means to represent, the means to select, and the means to transmit. Principles and Practices in Augmentative and Alternative Communication consists of five major units: An introduction to AAC, from its history to current practice An overview of AAC symbols and a comprehensive discussion of aided and unaided symbols A review of AAC technology The components of AAC assessment: principles, vocabulary, symbol selection, and the prescription of AAC technology AAC intervention: everything from the components of the intervention process to examples from specific cases and settings Included with the text are online supplemental materials for faculty use in the classroom. Students and professionals looking for a foundational textbook in the field of AAC will find Principles and Practices in Augmentative and Alternative Communication to be effective, contemporary, and practical.

alternate access assistive technology: *Restricted Access* Elizabeth Ellcessor, 2016-03-29 How reconsidering digital media and participatory cultures from the standpoint of disability allows for a full understanding of accessibility. While digital media can offer many opportunities for civic and cultural participation, this technology is not equally easy for everyone to use. Hardware, software, and cultural expectations combine to make some technologies an easier fit for some bodies than for others. A YouTube video without closed captions or a social network site that is incompatible with a screen reader can restrict the access of users who are hard of hearing or visually impaired. Often, people with disabilities require accommodation, assistive technologies, or other forms of aid to make digital media accessible—useable—for them. Restricted Access investigates digital media

accessibility—the processes by which media is made usable by people with particular needs—and argues for the necessity of conceptualizing access in a way that will enable greater participation in all forms of mediated culture. Drawing on disability and cultural studies, Elizabeth Ellcessor uses an interrogatory framework based around issues of regulation, use, content, form, and experience to examine contemporary digital media. Through interviews with policy makers and accessibility professionals, popular culture and archival materials, and an ethnographic study of internet use by people with disabilities, Ellcessor reveals the assumptions that undergird contemporary technologies and participatory cultures. Restricted Access makes the crucial point that if digital media open up opportunities for individuals to create and participate, but that technology only facilitates the participation of those who are already privileged, then its progressive potential remains unrealized. Engagingly written with powerful examples, Ellcessor demonstrates the importance of alternate uses, marginalized voices, and invisible innovations in the context of disability identities to push us to rethink digital media accessibility.

alternate access assistive technology: Universal Design in Higher Education Sheryl E. Burgstahler, Rebecca C. Cory, 2010-01-01 Universal Design in Higher Education looks at the design of physical and technological environments at institutions of higher education; at issues pertaining to curriculum and instruction; and at the full array of student services. Universal Design in Higher Education is a comprehensive guide for researchers and practitioners on creating fully accessible college and university programs. It is founded upon, and contributes to, theories of universal design in education that have been gaining increasingly wide attention in recent years. As greater numbers of students with disabilities attend postsecondary educational institutions, administrators have expressed increased interest in making their programs accessible to all students. This book provides both theoretical and practical guidance for schools as they work to turn this admirable goal into a reality. It addresses a comprehensive range of topics on universal design for higher education institutions, thus making a crucial contribution to the growing body of literature on special education and universal design. This book will be of unique value to university and college administrators, and to special education researchers, practitioners, and activists.

alternate access assistive technology: Computer Vision for Assistive Healthcare Leo Marco, Giovanni Maria Farinella, 2018-05-15 Computer Vision for Assistive Healthcare describes how advanced computer vision techniques provide tools to support common human needs, such as mental functioning, personal mobility, sensory functions, daily living activities, image processing, pattern recognition, machine learning and how language processing and computer graphics cooperate with robotics to provide such tools. Users will learn about the emerging computer vision techniques for supporting mental functioning, algorithms for analyzing human behavior, and how smart interfaces and virtual reality tools lead to the development of advanced rehabilitation systems able to perform human action and activity recognition. In addition, the book covers the technology behind intelligent wheelchairs, how computer vision technologies have the potential to assist blind people, and about the computer vision-based solutions recently employed for safety and health monitoring. - Gives the state-of-the-art computer vision techniques and tools for assistive healthcare - Includes a broad range of topic areas, ranging from image processing, pattern recognition, machine learning to robotics, natural language processing and computer graphics - Presents a wide range of application areas, ranging from mobility, sensory substitution, and safety and security, to mental and physical rehabilitation and training - Written by leading researchers in this growing field of research - Describes the outstanding research challenges that still need to be tackled, giving researchers good indicators of research opportunities

alternate access assistive technology: Fundamentals of AAC Nerissa Hall, Jenifer Juengling-Sudkamp, Michelle L. Gutmann, Ellen R. Cohn, 2022-03-11 Fundamentals of AAC: A Case-Based Approach to Enhancing Communication is a course-friendly textbook designed to walk readers through the theoretical and clinical underpinnings of assessment, intervention, and consultation for individuals with complex communication needs across the lifespan. Augmentative and alternative communication (AAC) encompasses a variety of communication methods and is used

by those with a wide range of speech and language impairments. With a consistent framework and descriptive case studies, as well as input from various stakeholders, readers can gain a comprehensive understanding of the needs of persons who use AAC and how to provide them with ethically and culturally considerate support. Unlike other texts on this topic, this book empowers the reader to visualize AAC in action. Each chapter offers evidence-based information about the topic along with a case study. The case studies combined with short essays from various stakeholders illustrate the variety of ways in which AAC can enhance an individual's connection with their communication partners and community, and the role of the speech-language pathologist as integral to this process. Intended to easily translate into a 6-, 8-, or 13-week semester course, this textbook is divided into seven distinct sections: Section I provides an overview of AAC, no-tech, mid-tech, and high-tech AAC systems, as well as mobile technology and advancing technology. Section II discusses cultural and linguistic responsivity and how this underlies AAC systems and services. Section III reviews AAC assessment, intervention and implementation for toddlers, preschoolers, and school-aged individuals, along with goal-writing and data collection. Section IV covers assessment, intervention, and implementation for young adults and adults needing AAC. Section V offers the reader detailed information and rich examples of the application of AAC for persons with developmental disabilities. Section VI provides the theoretical foundation and exemplar case studies of AAC for persons with acquired disabilities. Section VII details consultation and training for various stakeholders, as well as tele-AAC services. Key Features: * Overviews with key terms set the stage for each section * 36 case studies with questions and visuals to clearly depict each case * Boxes with practical tips and expert advice

alternate access assistive technology: Assistive Technology Beverly K. Bain, Dawn Leger, 1997 A manual of assistive technology focusing on the consumer rather than then equipment. It takes a system approach to assistive technology and covers all facets of independent living for persons with disabilities. Presents essential information about the assessment of clients and evaluation of equipment needed for the effective use of technology.

alternate access assistive technology: Access All Areas Lawrie Phipps, Allan T. Sutherland, Jane Seale, 2002

alternate access assistive technology: Computer Resources for People with Disabilities Alliance for Technology Access, 2004 Tells how to use the computer technology that now exists to overcome orinimize physical problems with speech, learning impairments, paralysis, andther disabilities.

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alternate access assistive technology: *Online Course Management: Concepts, Methodologies, Tools, and Applications* Management Association, Information Resources, 2018-03-02 The rapid growth in online and virtual learning opportunities has created culturally diverse classes and corporate training sessions. Instruction for these learning opportunities must adjust to meet participant needs. Online Course Management: Concepts, Methodologies, Tools, and Applications is a comprehensive reference source for the latest scholarly material on the trends, techniques, and management of online and distance-learning environments and examines the benefits and challenges of these developments. Highlighting a range of pertinent topics, such as blended learning, social presence, and educational online games, this multi-volume book is ideally designed for administrators, developers, instructors, staff, technical support, and students actively involved in

teaching in online learning environments.

alternate access assistive technology: Word 2016 In Depth (includes Content Update Program) Faithe Wempen, 2015-11-03 Word 2016 IN DEPTH Beyond the Basics… Beneath the Surface…In Depth Do more in less time! Are you ready to harness the full power of Word 2016 to create professional documents? Then, you're ready for Word 2016 In Depth. In this comprehensive guide to Word, you'll learn the skills and techniques for efficiently building the documents you need for both your professional and your personal life. Faithe Wempen delivers step-by-step instructions, troubleshooting advice, and insider tips to help you improve your written image in business, academic, organizational, and personal settings. • Accelerate formatting by creating and applying themes and styles • Incorporate graphical content such as clip art, photos, SmartArt, and charts • Save your work in a variety of formats, including backward-compatible Word files, PDF and XPS page layouts, graphics, HTML, and more • Perform mail and data merges to generate catalogs, form letters, labels, and envelopes • Learn about the fields that drive many of Word's most powerful features, and how to look behind the scenes to customize field behaviors • Use indexing, tables of contents, and master documents to organize book-length works • Cite sources and document references in a variety of formats, including APA and MLA • Collaborate with other people, even simultaneously, managing each person's comments and changes • Create complex math formulas without leaving Word • Write and edit macros that automate repeated tasks • Work with your Word documents anywhere via OneDrive® and Office Online • Create user-interactive forms that include a variety of field types All In Depth books offer • Comprehensive coverage with detailed solutions • Troubleshooting help for tough problems you can't fix on your own • Outstanding authors recognized worldwide for their expertise and teaching style Learning, reference, problem-solving…the only Word 2016 book you need! This book is part of Que's Content Update Program. As Microsoft updates features of Word, sections of this book will be updated or new sections will be added to match the updates to the software. See inside for details.

alternate access assistive technology: Rehabilitation R & D Progress Reports , 1992

alternate access assistive technology: Occupational Therapy Charles H. Christiansen, Julie Bass, Carolyn M. Baum, 2024-06-01 Occupational Therapy: Performance, Participation, and Well-Being, Fourth Edition, is a comprehensive occupational therapy text that introduces students to core knowledge in the profession and the foundations of practice—the occupations, person factors, and environment factors that support performance, participation, and well-being. Editors, Drs. Charles H. Christiansen, Carolyn M. Baum, and Julie D. Bass, are joined by more than 40 international scholars who bring students, faculty, and practitioners the evidence that supports occupational therapy practice. The PEOP Model 4th Edition is featured as an exemplar of a person-environment-occupation model and provides a valuable roadmap for understanding key concepts and developing strong clinical reasoning skills in the occupational therapy process. Features: Examines the theories, models, frameworks, and classifications that support contemporary knowledge of person, environment, and occupational factors. Presents detailed chapters on the occupations of children and youth, adults, older adults, organizations, and populations Provides extensive coverage of the person factors (psychological, cognition, sensory, motor, physiological, spirituality) and environment factors (culture, social, physical, policy, technology) that support occupational performance Includes exceptional content on the essentials of professional practice - therapeutic use of self, evidence-based practice, professionalism, lifelong development, ethics, business fundamentals, and critical concepts Builds clear links with the AOTA's Occupational Therapy Practice Framework, Third Edition; International Classification of Functioning, Disability and Health, and accreditation standards for entry-level occupational therapy programs. Introduces emerging practice areas of self-management, community-based practice, technology, and teaching/learning and opportunities to work with organizations and populations Incorporates international and global perspectives on core knowledge and occupational therapy practice. Documents assessments, interventions, resources, and evidence in user-friendly tables Uses simple and complex cases to illustrate key concepts and ideas. New and Updated Sections in the Fourth

Edition: Individual chapters on each person factor and environmental factor and occupations across the lifespan Expanded coverage of approaches for organizations and populations and entry-level professional skills Consistent framework of tables and language across chapters and sections. Included with the text are online supplemental materials for faculty use in the classroom including PowerPoint presentations.

alternate access assistive technology: Assistive Technology and Universal Design for Learning Kim K. Floyd, Tara Jeffs, Kathleen S. Puckett, Assistive Technology and Universal Design for Learning: Toolkits for Inclusive Instruction is an innovative textbook on instructional and assistive technology. Designed for both undergraduate and graduate teaching programs, student readers can expect to gain a thorough understanding of how assistive technology and UDL can be integrated into educational settings. This text delves into data analytics platforms for analyzing student behavior, learning management systems for facilitating communication, and software emphasizing UDL. Students will learn how to create accessible environments and systems while also focusing on multiple means of representation, engagement, and expression to accommodate all learners. With a developmental focus that supports learners across intellectual, sensory, and motor challenges, this text will serve as a valuable guide on how these technologies can be utilized to effectively transform the classroom and revolutionize education. Key Features: * Infuses assistive technology and UDL * Includes a unique chapter on distance education, behavior, and emerging technologies * Has a developmental focus that supports learners across intellectual, sensory, and motor challenges * Toolkits that include resources, strategies, and instructional methods to equip readers to foster an inclusive classroom environment across content areas * Learning Outcomes at the beginning of each chapter to provide clear direction for navigating the content * Chapter summaries that support understanding of key concepts * Chapter activities that support integrating technology within the curriculum * Glossary with definitions of key terminology use

alternate access assistive technology: Inclusive Design Guidelines for HCI Collette Nicolle, Julio Abascal, 2001-06-28 The elderly population is growing and disabilities tend to increase with age. Professionals in the field of human-computer interaction (HCI) are becoming increasingly aware of the needs of the elderly and people with disabilities. They also need to ensure that systems are designed for all, with specific consideration of these groups, not only computing systems but also other assistive and adaptive technologies such as information services and the use of smart cards, assistive robotics, systems for travellers, and home and environmental control systems. Designers need to monitor the latest developments in the design of HCI and to appreciate their impact on accessibility and usability.

Additional Resources

Feedback and Suggestions (Path of Exile 1) - Can we have ...

4 days ago · Path of Exile is a free online-only action RPG under development by Grinding Gear Games in New Zealand.

Support - Path of Exile

If you think you've lost your weapons, you've probably swapped to the alternate weapon tabs by pressing X. Please try toggling back with the X key before posting a bug report about it. For ...

Figure 1 Assistive Technology Consideration Checklist

Figure 2 List of Possible Assistive Technology. Page 1 of 2 . Note: This list is provided to assist in the consideration of assistive technology for the development, review or revision of a student’s ...

Running head: AT, ASSESSMENT AND COGNITIVE ...

Assistive Technology . Assistive Technology (AT) as defined by the Individuals with Disabilities Education Act (2004), consists of "any item, piece of equipment, or product system, whether ...

Accessing PDF Documents with Assistive Technology

readers have proper access to this format. PDF is an electronic format, giving it an advantage over paper ... readers encounter alternate text, they can interpret the element and read its ...

What is assistive technology (AT)? - TN.gov

Most students' needs can be met with universal access provided through classroom technology, alternate instructional materials, and other assistive tools readily available to all learners in ...

DC Alternate Assessment Application Form - Washington, D.C.

Alternate ACCESS Other State's Assessment (indicate state and name of assessment): N/A: Student is in Grade 3 ... accommodations, e.g., assistive technology/AAC to participate in ...

Equally Effective Alternate Access Plan (EEAAP)

This document was adapted from EEAAP 2.1 California State University Accessible Technology Network under a CC-BY-NC-SA license. Equally Effective Alternate Access Plan (EEAAP) This ...

OKLAHOMA ASSISTIVE TECHNOLOGY CENTER

Access Method: Direct selection: _____ Pointing tool: _____ ... Oklahoma Assistive Technology Center University of Oklahoma Health Sciences Center; College of Allied Health; Department ...

Providing Assistive Technology and Alternate Media in ...

Providing Assistive Technology and Alternate Media in Community Colleges 759 process to create a system-wide alternate text production center has begun. Finally, colleges have ...

ALTERNATE MEDIA ACCESS SPECIALIST - yosemite.edu

ALTERNATE MEDIA ACCESS SPECIALIST . DEFINITION . Under direction, coordinates and performs highly complex and specialized work related to the development and provision of ...

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WATI Assistive Technology Continuums - picnh.org

WATI Assistive Technology Continuums WATI Development Team. (2017). Assistive Technology Consideration and Assessment forms. ... Adapted/alternate positioning devices Custom fitted ...

Figure 1 Assistive Technology Consideration Checklist Page of

Adapted from Wisconsin Assistive Technology Initiative (WATI), Miami-Dade County Assistive Technology Procedures, Georgia Project for Assistive Technology, Oregon Technology Access ...

Computers and assistive technology - Queensland ...
to use an assistive technology to read paper test materials (e.g. scanning pen) Assistive technology The following assistive technology options may be selected within the AARA app. ...

East Baton Rouge Parish School System Assistive Technology ...
Adapted from Wisconsin Assistive Technology Initiative (WATI), Miami-Dade County Assistive Technology Procedures, Georgia Project for Assistive Technology, Oregon Technology Access ...

Equally Effective Alternate Access Plan - Examples
alternate access, the resources needed, and how alternate access will be communicated to parties in need of it. ... proctor the exam remotely using Zoom to allow the student to use their ...

ASR Books and Articles Resources - atinternetmodules.org
Cavalier, A. R. (1996). Talking instead of typing: Alternate access to computers via speech recognition technology. Focus on Autism & Other Developmental Disabilities, 11 (2), 79-85. ...

Accessing PDF Documents with Assistive Technology
Authors of accessible PDF documents add descriptive alternate text to page elements that are typically presented not as text but only as visual elements, such as graphics, figures, form ...

Zearn Accessibility Guide
Assessments, have alternate text descriptions embedded for images. Supplementary Assistive Technology Access to Supplementary Technology may help students with disabilities access ...

Student Request for Alternate Media - Mt. San Antonio College
Alternate media materials are the property of Mt. SAC Accessibility Resource Centers for Students and must be returned to ACCESS. You may be eligible to keep your alternate media ...

WATI AT Assessment Checklist
Chapter 1 - Assistive Technology Assessment . WATI Assistive Technology Assessment Checklist SEATING, POSITIONING AND MOBILITY . Seating and Positioning Standard seat/workstation ...

Assistive Technology facts - dati.org
What is computer access assistive tech-nology? This type of AT device improves access to computers by facilitating input or enhanc-ing output. Input interfaces are devices or software ...

Figure 1 Assistive Technology Consideration Checklist
Figure 2 List of Possible Assistive Technology. Page 1 of 2 . Note: This list is provided to assist in the consideration of assistive technology for the development, review or revision of a student's ...

Figure 1 Assistive Technology Consideration Checklist
Adapted from Wisconsin Assistive Technology Initiative (WATI), Miami-Dade County Assistive Technology Procedures, Georgia Project for Assistive Technology, Oregon Technology Access ...

Updates to Access Points -Alternate Academic Achievement ...

Access Points-Alternate Academic Achievement Standards (AP-AAAS) aligned to the Florida Standards, Next Generation Sunshine State Standards (NGSSS) and/or Benchmarks for ...

Chapter 13 – Assistive Technology for Students who are ...

amplified sound or alternate ways to access information through vision and/or vibration. These technologies can be grouped into three general categories: hearing technology; alerting ...

Application Deadline: Open Until Filled ALTERNATE MEDIA ...

ALTERNATE MEDIA TECHNICIAN/ASSISTIVE TECHNOLOGY 12 month/year; 40 hours/week BASIC FUNCTION: Under direction of the assigned supervisor, provides computer and ...

CENTER FOR ASSISTIVE AND REHABILITATIVE TECHNOLOGY

Rehabilitative Technology is comprised of Assistive Technology Labs/ Evaluation Areas providing the opportunity to explore and trial various devices for alternate computer access, positioning, ...

Kentucky Alternate Assessment Participation Guidelines ...

assistive technology to access and make progress on the Kentucky Academic Standards and to maintain and generalize learning Yes No 2. ARC reviewed current and longitudinal data across ...

Assistive Technology Screening and Consideration Checklist

The assistive technology currently being utilized meets student needs and will be documented on the IEP. This student may benefit from AT not previously considered in one or more of the ...

A Parent Guide to the Pennsylvania Alternate System of ...

they would like, they may use an assistive technology device if appropriate. The student may be administered all questions at one time or a few questions over time based upon individual ...

Transition Services

Access For All Accommodation Statewide Assessments Accessibility Feature Assistive Technology Paper Online Classroom LEAP 2025** Grades 3-4 Grades 3-12 Grades 9-12 ...

Statewide vision impairment services fact sheet - Education

required to effectively support students who access the curriculum through braille, or who may do so in the future. For further information, please contact the Braille Advisory Service, email ...

Governor's Recommended - Delaware Department of Health ...

access assistive technology designed to promote independence and aging in place. DVI - FY 2020 JFC HEARING 2. ... As our educators complete their Alternate Route to Certification, we ...

ACCESS or Alternate ACCESS? Webinar Transcript

Alternate ACCESS, and then we're going to dive in a little bit more into learning about the characteristics of multilingual ... Use of assistive technology is not permitted on WIDA ...

DATI Assistive Technology Facts Computer Access What is ...

What is computer access assistive technology? This type of AT device improves access to computers by facilitating input or enhancing output. Input interfaces are devices or software ...

Assistive Technology Act of 1998 - ed

Alternate Format Center at (202) 260-9895 or (202) 205-8113. CONTENTS Section Page ... of the costs and benefits of access to assistive technology for individuals with disabilities who ...

Tennessee Comprehensive Accessibility and

4 . Section 1. Introduction All students have the right to meaningful access and opportunities for participation in instruction. The strategies, accessibility, and accommodations used during

Assistive Technology

The Department of Education's goal is to ensure that all students have meaningful access to the curriculum. Depending upon the impact of a disability, your child may require Assistive ...

Building Using AT Toolbox - wisd.us

Assistive Technology Device...any item, piece of equipment or product that is used to increase , maintain or improve functional capabilities of individuals with disabilities. Low-tech Mid-Tech ...

Assistive Technology Supports for Early Childhood Literacy

Michigan's Assistive Technology Resource is an IDEA Mandated Activity Project offered through the Michigan Department of Education Office of Special Education and Early ... • The Book ...

Chapter 5 – Assistive Technology for Writing, Including ...

Chapter 5 – Assistive Technology for Writing, including Motor Aspects of Writing and Composition Assessing Students' Needs for Assistive Technology (2009) 5 • Strength – the ability to ...

Guidance for Educational Audiologists and School-Based ...

Functional assessment of a student's auditory access across all of the student's school environments is an important part of the selection process for hearing assistive technology ...

Assistive Technology – Background Information

Assistive Technology (AT) is any item, piece of equipment or product system, whether acquired commercially ... traditional AT view of access toinformation through alternate formats and ...

Administering Literacy Assessments for Students with ...

skills, as opposed to following vendor protocol for administration while not providing access. Accommodations (including assistive technology and accessible educational materials) ...

Assistive Technology Consideration Guid - Alabama State ...

Assistive Technology Team, St. Paul Public Schools, February 2010 Georgia Project for Assistive Technology (528 Forest Parkway Suite C Forest Par, GA 30297), 1998. Central Instructional ...

Alternate Format Materials and Assistive Technology
Materials and Assistive Technology LDANL Conference 2019 Anna Powell ... Helps provide and/or improve access to learning for students with exceptionalities Devices (Computers, ...

Planning for and Using Technology Across a Lifespan - The Arc
History of Assistive Technology and Access “In general.--The term `assistive technology device' means any item, piece of equipment, or product system, whether acquired commercially off the ...

Tennessee Department of Education | 2023-24
DLM for the Alternate Assessment and WIDA ACCESS for English Learners. The second section describes considerations for teams to use when developing the individualized educational ...

DC Alternate Assessment Participation Decision ...
Alternate ACCESS Other State’s Assessment (indicate state and name of assessment): N/A: Student is in Grade 3 ... Need for accommodations, e.g., assistive technology/AAC to ...

Santa Rosa Junior College
Assistive Technology The Assistive Technology Center provides students with comprehensive assessment and instruction in the use of assistive technology and alternate media. The ...

Alternate Access Assistive Technology

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