

Assistive Technology FOR LEARNING

Assistive Technology (AT) can enhance the quality of life for a student with learning challenges. AT can be a range of strategies and resources including services and tools used to support a student to meet curriculum/ learning expectations by providing easier access to materials. AT has the capacity to increase a student's control in learning environments, daily activities, and social situations.



Assistive Technology

- » Takes into account the students' strengths and needs in their learning environment
- » Does not replace instruction in learning settings
- » Looks at the least complex and the most efficient type of intervention
- » Requires collaboration in planning, implementing, and monitoring
- » Requires ongoing training to support effective practice

Assistive Technology Lending Library Service for Rural and Northern School Divisions

Contact: Leslie Goerzen at
Leslie.Goerzen@gov.mb.ca

or call Inclusion Support Branch at
204-945-7907 or Toll Free in Manitoba: 1-800-282-8069, ext. 7907

Divisions/schools can request programming consultation, training on specific equipment, or items for short-term loan for a specific student.

SOFTWARE

Clicker 6

Clicker is a literacy tool that enables pupils of all abilities to significantly develop their reading and writing skills: 1) Clicker offers a range of both curriculum and accessibility support to meet individual needs based on the principles of Universal Design for Learning (UDL). 2) Clicker is used to help students who are learning to understand, speak, and write English. 3) Clicker works on all modern Windows and Mac computers, and is fully networkable.

Judy Lynn Switch & Scanning Bundles

Designed for single switch cause and effect users that are ready to move onto the next level.

Kurzweil 3000 (USB)

Premier reading access tool for students of all ages to support their literacy. The USB flash drive allows you to take Kurzweil with you. Contains Kurzweil 3000 for Windows and 2.6 GB of available storage with no installation.

Read and Write Gold (USB)

Is a new portable version of Read&Write 8 GOLD, a literacy support software program for individuals with reading and writing difficulties. It is an easy-to-use toolbar that floats on top of any mainstream windows application.

WYNN Reader

WYNN is a literacy software tool designed to enhance success for individuals with reading and writing challenges. WYNN Reader includes all features of WYNN Wizard except OCR, or scanning capability.

Essential Skills Learning

Provides research-based educational programs, proven to improve early learning: Basic Skills Series, Read to Succeed Series, and Assessment Series.

Mathpad Plus

This program enables students who can't use pencil and paper to do arithmetic on the computer with regrouping and remainders, while learning essential math concepts.

Early Literacy Skill Builder

Language-rich literacy curriculum for children with cognitive disabilities, ages 5-10 years.

WordQ + SpeakQ

WordQ+SpeakQ integrates word prediction, text to speech, and voice recognition, thus giving the student a complete writing solution. WordQ will read aloud text you have highlighted in virtually any program, such as your Web browser, Facebook, Microsoft Word, Notepad, your email client, and your instant-messaging application.

UNIVERSAL DESIGN TECHNOLOGY

- » **Frontrow to Go** "all-in-one" sound system providing even coverage of the entire classroom in a way that few multi-speaker systems can match!
- » **iPad, and iPad mini (OtterBox cases) and wireless keyboards iPad Air**
- » **iPod Touch**
- » **MacBook Air**
- » **YOUDLE** supports student learning with interactive tools for the classroom or individual. Math and Science (magnets) are available.

PROGRAM SUPPORT

Tasks Galore Books: Creative ideas for teachers, specialised clinicians, and parents working with students with exceptional needs. The manuals provide full-colour pictorial series of multi-modal tasks used in programs for children with autism. The tasks are applicable to any early education or learning environment. There are 4 books in the series: 1) Tasks Galore; 2) Let's Play; 3) Making Groups Meaning; and 4) Tasks Galore for the Real World.

Augmentative and Alternative Communication Profile;
A Continuum of Learning

OUTLINE OF THE SOFTWARE PROGRAMS AND HARDWARE AVAILABLE:

Access Technology

- » Big Keys LX-Colour (ABC) and (Qwerty) Keyboards
- » Big Track Track-Ball
- » Computer Touch Screen
- » Dual Arm Mount'n Mover/ Modular Hose iPad Mounting System
- » Impulse Bluetooth Switch
- » iPad and Wireless Keyboards
- » Jelly Beamer
- » Jelly Bean Switch
- » Joystick Plus
- » IRISbond Duo (Eyegaze Technology)
- » Roller Plus
- » Roller 2
- » Sony Digital Recorder
- » Switch Interface Pro
- » Tiny Mouse
- » VS Communicator 4
- » iPad Access: Piko Button, Blue 2-Bluetooth Switch System
- » AMDI Adapter 4
- » GoTalk Now Case
- » Andrea Headset (for iPad Use)
- » OSMO iPad Coding Kits
- » Magic Wand Portable Scanner
- » Pal Pad Switch, HoneyBee Activation Switch, and Powerlink 4

Balanced Literacy Series

This program integrates guided reading, supported writing, word study, and phonics activities. This is a year-long literacy program that supplements a language arts program. It is switch accessible and touch screen compatible. (This is an excellent resource for schools that do not have access to the Internet.)

Boardmaker Plus

Tool for creating symbol-based print and talking interactive activities. You can create communication boards, visual displays, colourful handouts, and interactive switch-ready activities.

ChesterKeys + Case

Bluetooth keyboard and case for the iPad second and third generation.

Classmate Reader

Reads along with students while highlighting on-screen text. Plays various electronic books and has a voice-recording feature as well.

Classroom Suite 4

Is ideal for all learners in a classroom setting to address specific instructional needs. Teachers can individualize reading and math instruction. All activities are switch and Intellikeys® accessible K-5.

Dragon Naturally Speaking 10

Is a voice recognition software for students. Just use your voice to dictate and edit in Microsoft® Word and Excel® and all other Windows® based applications. You can even browse the Internet with a single voice command.

Earobics 1 & 2

Systemically teaches critical phonological awareness, auditory processing, and introductory phonics skills for reading and spelling.

Eurovocs Suite

Text processing program, word prediction program, and on-screen keyboard.

Intel Reader & Capture Station

The Intel Reader enhances independence for people with visual impairments, blindness, or reading-based learning disabilities by providing convenient and flexible access to a variety of printed materials. This package comes bundled with the Intel Reader Portable Capture Station. The portable device scans and reads text.

Chromebook

For access to GSuite, this provides a student with access extensions through the browser to enhance reading and writing skills. The student must have an assigned gmail.

Livescribe 8 GB Echo Smartpen

Record everything you hear, say, and write, while linking your audio recordings to your notes. Quickly replay audio from your Livescribe paper, a computer, or a mobile device—all with a simple tap on your handwritten notes. It's never been easier to take notes and stay organized.

MEville to WEville

This program integrates reading, writing, speaking, AAC, and listening for elementary children with cognitive disabilities.

NEO by Alphasmart

Laptop designed for school use. Has a built-in word processor. Can customize the NEO for individual use. Has a large easy-to-read display.

Simon Sounds it Out

Emergent readers develop core word attack skills. Students achieve word mastery through voice and corrective feedback. Teachers track success.

SOLO

Is an integrated solution for differentiating instruction and assisting in the learning process. SOLO assists teachers in presenting grade-level curriculum to learners of differing abilities with guided support for reading comprehension and structured models for writing.

Start-to-Finish Core Content Series

Assists students struggling with reading to actively think and process information to gain knowledge from non-fiction text. Middle school and high school content. (Gold: Grades 2-3 and Blue: Grades 4-5 series)

Start-to-Finish Library

High interest, controlled vocabulary reading series with built-in supports that get your students struggling with reading, reading. Multiple readings formats. For students struggling with reading in middle and high schools.

Start-to-Finish Literacy Starters

A series of books designed for the beginning reader. Non-fictional books with Teacher Guide and Materials built into each lesson. These books fit into the MEville Extended Program. Curriculum which integrates reading, writing, speaking augmentative communication, and listening into lessons and activities designed to build a K-2 classroom that promotes a sense of belonging. Start to Finish Literacy Structure Curriculum.

Symwriter

Word/Picture processing program with PCS. You can create picture supported stories, picture strips, recipes, and schedules.

WordMaker

Practice building phonics and spelling skills. Built-in tools track classroom success.