

Assistive Technology Check List High-Low

Organization

Individuals may experience trouble

- Remembering information
- Keeping information together
- Time management
- Staying on task

Low Tech Options

- color coded folders, exercises, or binders;
- index tabs;
- highlighters;
- index cards;
- graph paper;
- ear plugs;
- agendas;
- address books;
- day planners;
- sticky notes

Medium Tech Options

- graphic organizers;
- beepers/buzzers;
- digital clocks, timers;
- talking watches;
- hand held digital voice-recorders

High Tech Options

- electronic organizers;
- calendar maker software;
- prewriting software;
- Post-it note software;
- Personal Digital Assistants (PDA's)

Mathematics

Individuals may have difficulty

- remembering formulas
- reading charts
- mix up numbers

Low Tech Options

- memory strategies;
- graph paper;
- times tables;
- turn paper sideways

Medium Tech Options

- modified paper;
- talking watches;
- calculator on computer;
- large buttoned calculator

High Tech Options

- graphic calculator;
- hand held talking calculator;
- online math worksheets;
- Computer Assisted Instruction Software (CAI)

Reading

Individuals often have

- comprehension problems,
- word identification difficulties
- problems with fluency

Low Tech Options

- reading windows;
- mirror

Medium Tech Options

- change font size;
- color overlays;
- change word spacing;
- change background color;
- talking electronic dictionary, thesaurus, grammar guide;
- books on tape, CD, or e-books (digital formats)

High Tech Options

- reading pen;
- electronic books;
- CD-ROM books;
- stand alone reading machines;
- text reading software;
- Optical Character Recognition (OCR) software;
- Computer Assisted instruction software

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Listening

Individuals often have difficulty processing information

- *trouble understanding what was said,*
- *following directions,*
- *hearing differences between the sounds of letters or words*

Low Tech Options

- ear plugs

Medium Tech Options

- NCR paper;
- digital recorders;
- books on tape, CD, or e-books (digital formats)

High Tech Options

- amplification system;
- laptop computers;
- word processors;
- CD-Rom books;
- electronic books;
- multimedia with captions or subtitles

Visual Processing

Individuals often have difficulty processing information

- *may mix up letters or words in sentences*
- *have trouble finding mistakes in their writing*

Low Tech Options

- adjustable lighting;
- large print;
- reading windows;
- double spacing;
- color overlays

Medium Tech Options

- digital voice recorder;
- e-books

High Tech Options

- alternate keyboards;
- magnification hardware;
- text reading software

Writing Processing

Individuals may

- *have trouble physically writing,*
- *have incorrect spelling,*
- *have punctuation problems,*
- *mix up letter formations,*
- *mix up word usage,*
- *have difficulty organizing their ideas when writing*

Low Tech Options

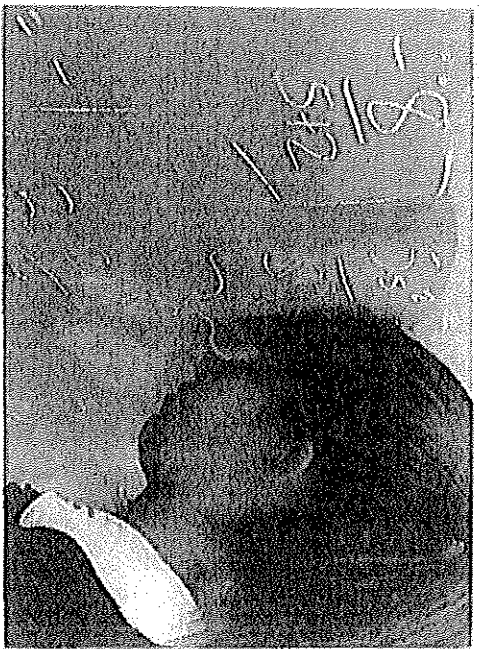
- dictionary;
- thesaurus;
- memory strategies;
- scribe

Medium Tech Options

- pencil grips;
- digital voice recorder;
- NCR paper;
- key guard;
- electronic spell checker (with or without sound);
- typewriter;
- photocopies

High Tech Options

- word processors;
- voice to text software;
- laptops;
- talking word processor;
- word prediction software;
- abbreviation expansion software;
- prewriting software;
- spell check;
- grammar check;
- proof reading program



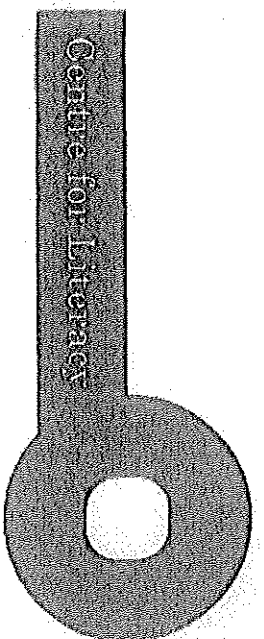
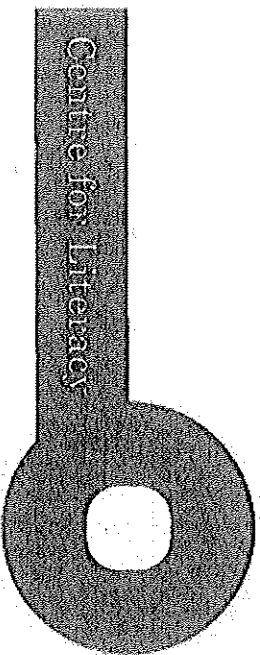
Supporting Students

to Overcome

Learning Difficulties

Our Beliefs

- Every student is capable of learning and progressing.
- Being kind to each other is important.
- Everyone deserves to be treated with respect and dignity.
- The way in which each of us learns is complex. There is no magic fix to eliminate learning challenges. But, there is a large tool chest of interventions backed by sound scientific research.
- Literacy of all types is an important foundation for life long success.
- We are entrusted to support people who have learning challenges and that trust is accompanied by a responsibility to do our absolute best, every time.



About the

Centre for Literacy

Note: there is a cost for services, but kids can be referred through education system.

4454-97 Street

Edmonton, AB T6E 5R9

info@Centre4Literacy.com

Centre4Literacy.com

780-434-3698



Instructional Supports

The Centre for Literacy is for students who unexpectedly underachieve at school or can only succeed with a great deal of effort and support. Most of the students who receive support at the Centre have some type of learning challenge, difference or learning disability.

Staff use well researched interventions to help students overcome barriers to learning. Interventions that are used and the pace of support are tailor made based on the learning profile of each student.

Unsure about why a child is struggling?

The Centre for Literacy is able to conduct academic tests to provide insight into why a child may be struggling. We work with a group of trusted psychologists to whom we can refer students for a full psycho-educational assessment.



One to One Instruction

One to one instruction is customized to meet a student's unique needs as a learner. Commonly provided supports include:

- Reading
- Spelling
- Comprehension
- Writing
- Mathematics

Computer Assisted Interventions

Computer Assisted Interventions (CAI) are used to complement in-Centre instruction or for families that are unable to travel easily to obtain support. These programs are normally cloud based and can be used daily from home. All CAIs have been thoroughly reviewed to ensure that they are effective for struggling readers and well-grounded in research.

Units of Sound:

Units of Sound is a cloud based literacy CAI designed for students 8 years of age and older. Students work through four skill areas: reading, spelling, memory and dictation. The program is focused on building decoding skills and automaticity in all four skill areas. The Centre for Literacy is the distributor of Units of Sound in Alberta.

Read Naturally:

Read Naturally is a cloud based program designed to enhance fluency and reading comprehension, two important elements of a comprehensive literacy program.

Other Programs:

Other cloud based computer assisted interventions are used on an as needed basis depending upon a student's unique needs.

