



Arrowsmith Program® Implementation Models



Full Time Program

In a full time Arrowsmith Program (AP), students are engaged in cognitive exercises for a minimum of four 40-minute periods per day, five days per week. Students work on an individualized cognitive program that targets multiple weak cognitive functions critical for learning as identified by the Arrowsmith Program assessment.

Other full time program information:

- Student to teacher ratio is 10:1
- 10 student minimum per educational organization
- Includes initial and year end assessments and reports
- Each session to address one cognitive function is 40 minutes per day, 5 days per week during the school day
- Arrowsmith Program Teacher Training is required

Part Time Programs

There are two types of part time programs:

(1) On-Site Program

This program addresses up to three cognitive deficits per year. Based on the student's learning profile determined by the assessment, an individualized program will be designed to address up to three cognitive functions. Each cognitive program has been designed to target a specific area of learning difficulty and each student's program is tailored for that student's particular needs. Each cognitive program requires four hours of student engagement per week. This program does not address the Motor Symbol Sequencing area.

(2) Motor Symbol Sequencing Program (MSS Program)

This program addresses the Motor Symbol Sequencing area which is responsible for the motor planning necessary for efficient and automatic writing. The student engages in 6 hours per week of the MSS program at home and attends a bi-monthly check-in at the educational organization for ongoing monitoring and feedback.

Other part time information (applies to both part time programs):

- Student to teacher ratio is 10:1
- No student minimum
- Includes initial and year end assessments and reports
- Each cognitive program requires four hours of student engagement per week and each individual session is 40 minutes to two hours in length and may be scheduled at anytime
- Arrowsmith Program Teacher Training is required

There are two types of cognitive enhancement models:

(1) Motor Symbol Sequencing (MSS) Whole Cohort Program

In an MSS Whole Cohort Program, all students in a mainstream academic class will participate in one 40-minute cognitive period each day. In this cognitive period, students will engage in the MSS cognitive exercise that works to strengthen the capacity for automating motor plans used in reading, writing and speaking. Specialized Whole Cohort Program training and classroom support for the whole cohort teacher will be required for the implementation of this program.

Other information:

- This is meant for mainstream academic classroom implementation
- 20 student minimum
- Assessment is not required
- Sessions are 40 minutes long (or match the regular period length if longer)

(2) Symbol Relations Cognitive Enhancement Program

This model will provide cognitive enhancement to participants in the cognitive function of Symbol Relations. This cognitive function is involved in processing concepts across all academic disciplines, understanding and quickly grasping what is read and heard, gaining insight, logical reasoning, seeing connections between ideas, cause and effect processing, and mathematical reasoning. Students in this model would complete a minimum of four hours per week on this cognitive exercise across a ten month period. Specialized training for a teacher will be required for the implementation of this type of program.

Other cognitive enhancement program information:

- Student to teacher ratio is 10:1
- No student minimum
- Assessment is not required
- Each cognitive program requires four hours of student engagement per week and each individual session is 40 minutes to two hours in length and may be scheduled at anytime

The Arrowsmith Program assessment is a suite of cognitive tests. The Arrowsmith Program assessment provides insight and awareness into the cognitive profile of an individual by identifying the strengths and weaknesses in specific cognitive functions that impact a broad range of learning. The assessment takes approximately one day to administer. Once completed the Arrowsmith Program provides a cognitive profile and the assessor provides this report and an interpretation of the cognitive profile during an Assessment Briefing. This model is available to Arrowsmith Program sites as well as established assessment centres. The assessor would need specialised training by Arrowsmith Program.



Arrowsmith PROGRAM

Strengthening Learning Capacities®

For information please visit the website:
www.arrowsmithschool.org

Or contact Arrowsmith Program at:
info@arrowsmithprogram.ca