

Summer 2025



ARROWSMITH SCHOOL

Build a **Stronger Brain.**
Create a **New Reality.**
Transform **Your Future.**

Arrowsmith Cognitive Intensive Program

In-Person or Online.

Strengthen Your Brain.
Be at Your Best.

school.arrowsmith.ca

WELCOME

One summer can change your life.

Welcome to Arrowsmith School!

Thank you for your interest in the Cognitive Intensive Program (CIP). At Arrowsmith School, we know that it is possible that brains can change through neuroplasticity and have witnessed tremendous, life changing growth in our students. Now it's your turn.

Our Cognitive Intensive Program strengthens the cognitive capacity to learn in school, work and in life with Arrowsmith Program's renowned methods for improving reasoning, processing speed and comprehension. Our Cognitive Intensive Program can help children, university/college students, adults, and working professionals seeking greater learning capacity.

We are truly looking forward to helping you or your child unlock their cognitive potential. Reviewing this CIP information package is the first step into creating a new reality and transforming through cognitive change.

We have opened Enrolment for our in-person and online
Summer - 2025 Cognitive Intensive Program (CIP)

**Learn more about the
Arrowsmith Program:**

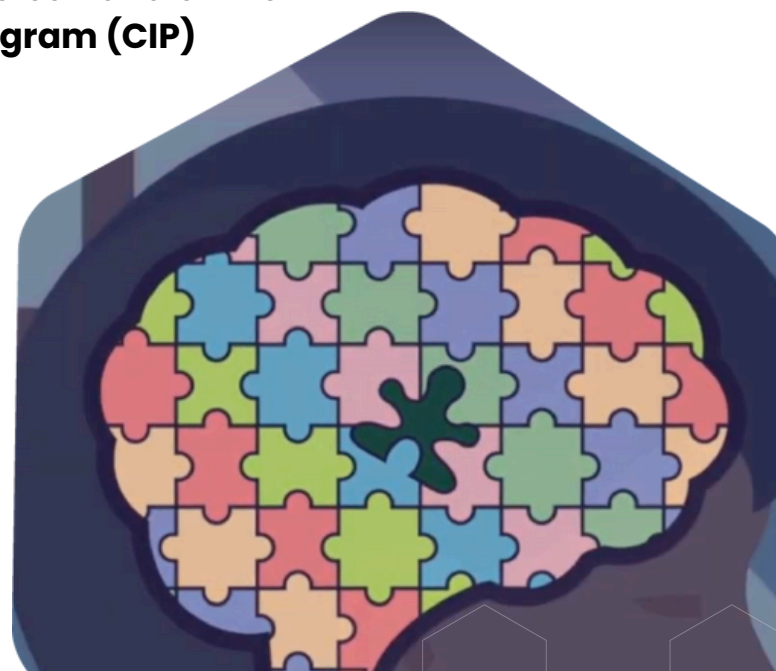


TABLE OF CONTENTS

04 Real-World Outcomes

06 Symbol Relations

08 Participate in Research

10 Fees and Payments

14 Program Prerequisites

16 Steps to Enrol

18 Resources

05 What is CIP?

07 Testimonials

09 Program Commitment

11 Daily Schedule

15 FAQ

17 Additional Program Offerings

19 Contact Us



REAL-WORLD OUTCOMES

Participants showed improvements in:



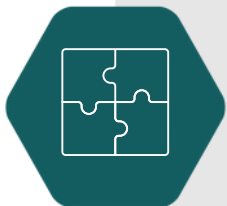
Comprehension & Understanding

- Understands information and grasps concepts more quickly
- Understands jokes, puns, and is more quick-witted
- Demonstrates improved cause-effect reasoning
- More accurate grasp of the nuances of a situation
- Discerns what is relevant in a situation
- Greater comprehension of material read, heard, or observed
- Improved school and/or workplace performance



Communication

- Improved oral communication
- More present in conversations demonstrating greater understanding of what is being discussed
- More curious, asking questions and has a greater interest in learning
- Improvement in use of language and vocabulary
- More articulate and better able to explain ideas or thoughts



Emotional Intelligence / Engagement / Social Awareness

- Greater understanding and expression of emotions
- More reflective in challenging situations
- Increased understanding of the consequences of behaviour
- Able to better understand social situations
- More responsible
- Demonstrates an increased ability to take control of one's life



WHAT IS THE COGNITIVE INTENSIVE PROGRAM?



The Cognitive Intensive Program (CIP) is an intensive approach to cognitive change. A 10-month program is compressed into a 6 or 8-week period.

Students work for multiple periods per day on the Symbol Relations cognitive exercise to achieve results in a shorter time.

Combined Program Offering: Families with busy summer schedules may choose our CIP Combined Program which combines two program types by engaging in CIP for 3 weeks In-Person or 4 weeks Online, followed by 4 months (Sept. to Dec.) of our Symbol Relations Independent Check-In (SRIC) program **or** daily classes, Monday to Friday for 40-minutes (Sept.-Dec.).

Cognitive Outcomes in CIP

Outcomes of working on the Symbol Relations cognitive exercise in the Cognitive Intensive Program (CIP) indicate significant improvements in the following cognitive abilities:

- Fluid Reasoning
- Cognitive Processing Speed
- Perceptual Speed
- Working Memory
- Number Facility
- Cognitive Efficiency
- Visual Auditory Learning
- Attention

[Learn More about Research on CIP](#)

“

I asked Chasper how that fog is going. He said, "the program is working, it feels like the fog has been lifted and my brain has been sorted out.

- Mother of CIP Student, Chasper



SYMBOL RELATIONS COGNITIVE FUNCTION

The Symbol Relations Cognitive Function is a higher-order cognitive function responsible for understanding and connecting ideas. It is involved in tasks that enable an individual to reason using logic, and to connect and process complex relationships and concepts simultaneously.

**I just don't get it.
I don't know.**

**That doesn't make sense!
I'm confused.**

Symbol Relations Common Features

- Seeing the world as 'black and white'
- Unable to consider other points of view
- Difficulty reading between the lines' or catching jokes/sarcasm
- Challenges with fluid reasoning and working memory
- Frequently asking questions for clarification
- Appearing stubborn or inflexible

STUDENT EXPERIENCE



Training

Facilitator instructs the student on their level until reasoning is secure.



Practice

Students practice to improve their understanding until performance criteria is met.



Mastery

Students demonstrate their reasoning and readiness with the facilitator to master to a higher level of difficulty.



HEAR FROM THE CIP COMMUNITY



Maybe something wasn't quite right, I was getting very high marks on my assignments and lower marks on my midterms and exams. It was taking me longer to learn and understand things than my peers in my classes. Definitely I can see changes when I look back on the last five weeks.

- Amy, University Student



We're starting to see more reasoning, some gains in mathematics. Isabel never really understood the concept of money, that there is 100 cents in a dollar, and she's getting that now.

- Mark, Father of CIP Student, Isabel



**And Many
More Stories**



JOIN OUR RESEARCH

Cognitive Outcomes in CIP

Students enrolled in the 6-week in-person or 8-week online Symbol Relations - Cognitive Intensive Program have an opportunity to participate in a research study.

Researchers at Southern Illinois University and the University of British Columbia have been conducting an ongoing research study investigating the outcomes of working on Symbol Relations in the CIP. Participants in the study engage in pre and post program assessments to evaluate cognitive functioning. Learn more about research studies at Arrowsmith.

To participate, please contact Andrea Peirson: apeirson@arrowsmith.ca

[Book a Consultation](#)

[Fill Out the CIP Application](#)

NEUROPLASTICITY: STRENGTHENING THE BRAIN



Targeted Stimulation

The exercise targets the Symbol Relations cognitive function through reasoning and understanding relationships.



Effortful Processing

By increasing the complexity within the exercise students are using effortful processing to build cognitive capacity



Sustained Engagement

Multiple periods per day promotes improvements in cognitive functioning. Meeting goals increases engagement.



PROGRAM COMMITMENT

Junior Students (Age 9-14)	Senior Students (Age 15+)
90 hours of cognitive exercise	135 hours of cognitive exercise
In-Person <ul style="list-style-type: none"> • 6 weeks • 4 periods per day x 45 minutes • Activity and Mindfulness Breaks 	In-Person <ul style="list-style-type: none"> • 6 weeks • 5 periods per day x 50-60 minutes • Mindfulness Breaks
Online <ul style="list-style-type: none"> • 8 weeks • 3 periods per day x 45 minutes • Teacher Facilitated 	Online <ul style="list-style-type: none"> • 8 weeks • 4 periods per day x 45-60 minutes • Teacher Facilitated

CIP - Combined

Start with	3 weeks In-Person CIP (summer)	OR	4 weeks Online CIP
	Followed by	4 Months of Independent Check-In	OR Teacher Facilitated 40 mins. Daily Mon-Fri (Sept. - Dec)



FEES AND PAYMENTS

Payment Options	
Program & Registration Fees \$6000 CAD +\$100 Non-Refundable Registration Fee	Paid in Full by May 1st \$300 Discount off Program Fee
Returning Student \$300 Discount off Program Fee	Ask About our Family Discounts 2+
Payment Due on Enrolment <i>*Payment Deadline - June 13th - All Sessions</i>	

PROGRAM SESSIONS & SCHEDULES

Session	In-Person or Online	Duration	Dates
1	In-Person (Toronto Campus)	6 weeks	July 2 to August 8
2	Online	8 weeks	June 16 to August 8
3	Online	8 weeks	June 23 to August 15
4	Online	8 weeks	June 30 to August 22
5	CIP-Combined	CIP In-Person (3 weeks) Any 3 consecutive weeks between July 2 and August 22	OR CIP Online (4 weeks) Any 4 consecutive weeks between June 16 and August 22
		Independent Check-In 4 hours/week for 4 months Completed by Dec 31, 2025	OR In-Person or Online Classroom Between 7:45AM - 8:20PM ET 40 mins daily. Mon.-Fri. Sept. 2 to Dec. 18, 2025

If you are looking to start sooner, please contact [Arrowsmith Admissions](#).



DAILY SCHEDULE

In-Person: CIP Session 1 & 5

Junior	
Time	Program
8:45 AM - 9:00 AM	Arrival
9:00 AM - 9:50 AM	Period 1 Symbol Relations
9:50 AM - 10:00 AM	Break
10:00 AM - 10:45 AM	Activity
10:45 AM - 11:00 AM	Break
11:00 AM - 11:45 AM	Period 2 Symbol Relations
11:45 AM - 12:00 PM	Reflection & Goal Setting
12:00 PM - 1:00 PM	Lunch
1:00 PM - 1:45 PM	Period 3 Symbol Relations
1:45 PM - 2:00 PM	Break
2:00 PM - 2:50 PM	Period 4 Symbol Relations
2:50 PM - 3:00 PM	Reflection & Goal Setting

Senior	
Time	Program
8:45 AM - 9:00 AM	Arrival
9:00 AM - 9:50 AM	Period 1 Symbol Relations
9:50 AM - 10:00 AM	Break
10:00 AM - 10:50 AM	Period 2 Symbol Relations
10:50 AM - 11:00 AM	Break
11:00 AM - 12:00 PM	Period 3 Symbol Relations
12:00 PM - 1:00 PM	Lunch
1:00 PM - 1:50 PM	Period 4 Symbol Relations
1:50 PM - 2:00 PM	Break
2:00 PM - 3:00 PM	Period 5 Symbol Relations



DAILY SCHEDULE

Online: Sessions 2, 3, 4 & 5

Junior AM	
Time	Program
8:45 AM - 9:00 AM	Arrival & Goal Setting
9:00 AM - 9:45 AM	Period 1 Symbol Relations
9:45 AM - 10:00 AM	Break
10:00 AM - 10:45 AM	Period 2 Symbol Relations
10:45 AM - 11:00 AM	Break
11:00 AM - 11:45 AM	Period 3 Symbol Relations
11:45 AM - 12:00 PM	Reflection & Goal Setting
Junior PM	
12:45 PM - 1:00 PM	Arrival & Goal Setting
1:00 PM - 1:45 PM	Period 1: Clocks
1:45 PM - 2:00 PM	Break
2:00 PM - 2:45 PM	Period 2 Symbol Relations
2:45 PM - 3:00 PM	Break
3:00 PM - 3:45 PM	Period 3: Clocks
3:45 PM - 4:00 PM	Reflection

Senior	
Time	Program
8:45 AM - 9:00 AM	Arrival & Goal Setting
9:00 AM - 9:50 AM	Period 1 Symbol Relations
9:50 AM - 10:00 AM	Break
10:00 AM - 10:50 AM	Period 2 Symbol Relations
10:50 AM - 11:00 AM	Break
11:00 AM - 12:00 PM	Period 3 Symbol Relations
12:00 PM - 12:45 PM	Lunch
12:45 PM - 1:00 PM	Reflection & Goal Setting
1:00 PM - 1:45 PM	Period 4 Symbol Relations
1:45 PM - 2:00 PM	Reflection

One 45-minute Onboarding Session required prior to online program start date.



Daily Schedules

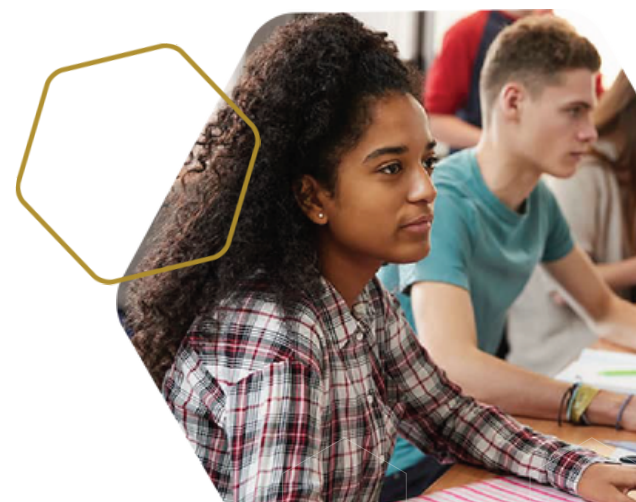
2025-2026 September - June

Arrowsmith School Schedule *Eastern Time Zone	
7:45am - 8:30am	Period 0
8:30am - 8:40am	Break

Regular School Day Begins Independent Check-In available throughout the day	
8:40am - 9:20am	Period 1
9:20am - 10:00am	Period 2
10:00am - 10:15am	Break
10:15am - 10:55am	Period 3
10:55am - 11:35am	Period 4
11:35am - 12:35pm	Lunch
12:35pm - 1:15pm	Period 5
1:15pm - 1:55pm	Period 6
1:55pm - 2:10pm	Break
2:10pm - 2:50pm	Period 7
2:50pm - 3:30pm	Period 8

Regular School Day Ends	
3:30pm - 5:30pm	In-person After School Program Available

Extended School Day Begins	
3:30pm - 4:10pm	Period 9
4:10pm - 4:50pm	Period 10
4:50pm - 5:05pm	Break
5:05pm - 5:45pm	Period 11
5:45pm - 7:00pm	Independent Check-In
7:00pm - 7:40pm	Period 12
7:40pm - 8:20pm	Period 13
8:20pm - 9:00pm	Independent Check-In



PROGRAM PREREQUISITES

Counting Skills

Specific counting skills are a critical element required to access the Symbol Relations exercise. Having these counting skills will enable the student to focus on stimulating the cognitive function through their application within the exercise. The counting skills required for the Symbol Relations exercise are counting from:

1 to 12 by 1s

1 to 60 by 1s

60 to 1 by 1s

5 to 60 by 5s

60 to 5 by 5s

Student must be able to say the sequences out loud accurately and automatically without hesitation. To improve this skill we recommend daily practice.

Numeric Keypad and Touch-Typing Skills

Students will need to know how to type numbers on the numeric keypad. This is the keypad on the right hand side of the keyboard, not the numbers at the top. Advanced typing skills on the numeric keypad without looking will greatly improve the student's experience in the program. To improve this, daily practice is recommended.

Here are some free typing programs:

- www.typing.com/student/lesson/380/numeric-keypad
- www.typingstudy.com/numeric_keypad

Technology Requirements for Online Offering Only

- High speed internet access
- A computer with a numeric keypad
- A mouse



FREQUENTLY ASKED QUESTIONS (FAQ)

Question	Response
<p>Is this a camp?</p>	<p>Arrowsmith considers CIP to be a program rather than a “camp”. Students engage in the Symbol Relations cognitive exercise in a manner that compresses 10 months of effort and progress into 6 weeks for in-person and 8 weeks for online students. The nature of the program requires sustained focus and engagement, with breaks and activities as presented in the schedule above.</p>
<p>We have a family vacation or summer camp booked during the CIP dates. Can we still enrol?</p>	<p>Discuss your situation with our Admissions Officer and depending on the details and timing, we may be able to accommodate you.</p>
<p>What if a student misses part of a day for an appointment?</p>	<p>If the student would like, they can work independently to make up the time. Though encouraged, this will be the decision of the participant.</p>
<p>I am concerned that my child may be unable to engage in the work. Is there an opportunity to trial the program?</p>	<p>Share all of your questions and concerns with our Admissions’ team as they will assist in determining if the CIP is a good fit. Our Admissions team will arrange for a trial class if needed so students can experience the program and learning environment. This also allows our teaching staff to contribute to the program recommendations. If CIP isn’t a good fit, another Arrowsmith program may be a better fit.</p>
<p>What if a student isn’t engaging in the program the way intended?</p>	<p>Motivational strategies will be used by the teacher to engage the student. *Make-up periods will not be assigned. Student may work independently and outside of program hours.</p>
<p>What is my role as a parent when my child is working online?</p>	<p>Parents can best support their child by providing a learning environment and structure in which the child can be successful. This includes: providing a distraction-free workspace, directing the child to follow their schedule and supporting the child with engagement - if the child is not working independently.</p>
<p>English is my child’s second language. Can they participate in the program?</p>	<p>We have had students with limited English abilities participate in our program. In these situations, the parent (s)’ ability to support and act as a translator is important. There will be times when the student will be able to work independently on the exercise . The student will require translation when instruction and assessment is occurring. Learning to speak numbers and number patterns from 1 to 60 is beneficial. Additional Skills: counting forwards and backwards from 1-60 by ones and fives and reading the minute hand on a clock.</p>



FIRST STEPS TO ENROLMENT

Please **click the link below** to complete the application for entry to the Cognitive Intensive Program or reach out to our admissions team if you have any questions and would like to schedule a phone call or virtual meeting.

After completion of a CIP Application, an admissions officer will be in contact with you to confirm your application information and send a contract with payment details.

Book a Consultation

Fill Out the CIP Application

Email Admissions

ADDITIONAL PROGRAM OFFERINGS

(All options available online or in-person)










Program	Who is it for	Time Commitment
<p>Full-Time 4-8 periods per day This is for individuals and students wanting to work on more than one cognitive function.</p>	<p>Best suited for:</p> <ul style="list-style-type: none"> • Elementary, High school and Post-secondary students • Adults • Seniors <i>*ask about our Cognitive 55+ Option</i> 	<p>½ to full day Daily Monday to Friday Ongoing</p>
<p>Part-Time 1-3 periods per day This is for individuals and students wanting to work on one to three cognitive functions.</p>	<p>Best suited for:</p> <ul style="list-style-type: none"> • Elementary, High school and Post-secondary students • Adults • Seniors <i>*ask about our Cognitive 55+ Option</i> 	<p>1 to 3 periods Daily Monday to Friday Ongoing</p>



Program	Who is it for	Time Commitment
<p>Independent Check- In Individuals have the flexibility of working independently 4+ hours a week on the Symbol Relations or Motor Symbol Sequencing cognitive function and have a check-in session with their instructor once every 2 weeks.</p>	<p>Designed for individuals who can work independently and require scheduling flexibility.</p> <p>Best suited for:</p> <ul style="list-style-type: none"> • Adults • High school and post-secondary students • Seniors <i>*ask about our Cognitive 55+ Option</i> 	<p>4 hours minimum per week</p> <p>Ongoing</p>
<p>Cognitive Intensive Program Individuals intensively focus on strengthening their brain through the Symbol Relations cognitive function in a classroom setting during the summer or for 6 to 10 weeks during the school year.</p>	<p>Designed for individuals desiring rapid progress within a short timeframe.</p> <p>Best suited for:</p> <ul style="list-style-type: none"> • High school and post-secondary students • Children and teens during summer break • Adults • Seniors <i>*ask about our Cognitive 55+ Option</i> 	<p>6 or 8 weeks</p> <p>Monday to Friday</p> <p>Age 9-14: 90 hrs Age 15+: 135 hrs</p>
<p>Cognitive Enhancement Individuals, not having had an assessment, attend one- 40-minute class per day, Monday to Friday, throughout the school year to address the Symbol Relations or Motor Symbol Sequencing cognitive function. Students are encouraged to make time for additional independent practice.</p>	<p>Designed for individuals looking to strengthen their brain while having access to an instructor for assistance and structure.</p> <p>Best suited for:</p> <ul style="list-style-type: none"> • Elementary, High school and Post-secondary students • Working adults • Seniors <i>*ask about our Cognitive 55+ Option</i> 	<p>40 minutes per day</p> <p>Monday to Friday</p> <p>Ongoing</p>



RESOURCES

Subject	Description	Link
FAQ	Frequently Asked Questions about the Arrowsmith Program.	Click Here 
Media	Check out our Media that captures our schools, research, and Barbara Arrowsmith-Young's cognitive journey.	Click Here 
Learning Difficulties Addressed	This is a great section and covers outcomes associated with the cognitive exercises.	Click Here 
Chart of Learning Outcomes	This chart describes a range of cognitive functions, as postulated by the Arrowsmith Program, which impact learning, academics, and social skills.	Click Here 
Arrowsmith School Events	Direct link to register (if you register, a recording will be sent to your email in case you are unable to attend).	Click Here 
Testimonials	Hear the experiences of our alumni families.	Click Here 
The Brain Pioneer (Free Download)	"The Brain Pioneer" was written for students of all ages and includes a history of studies in brain plasticity, amazing brain facts, vital brain health recommendations, and a comprehensive glossary. Read on to find out how Barbara made her incredible discovery.	Click Here 
Brain School (Free Download)	The "Brain School" chronicles students' success in terms of improved cognitive functioning and how this allows them to participate more fully and effectively in the world as well as demonstrating significant changes pre and post Arrowsmith on academic and cognitive test measures.	Click Here 
Research	Provides you with extensive information on all current and past research associated with the Arrowsmith Program.	Click Here 



CONTACT US

Thank you for reviewing the Arrowsmith Admissions package for the Cognitive Intensive Program (CIP). We look forward to hearing from you to answer questions and discuss how we can help.

If you would like to speak to our Admissions Officer, please contact:



Jason Kinsey
Admissions Officer

Phone number (Toll-free):
1-866-447-6447

Email address:
admissions@arrowsmith.ca



[Book a Consultation](#)



To be able to answer questions and let students and families know that, yes, we can help, is just about one of the best feelings in helping to carry Barbara Arrowsmith-Young's work forward.

