

Pave the way for your child's future with math – open doors to endless possibilities.

Math Circles is an after-school enrichment math program offered by Math Potentials for **Grade 5-12** students **designed to promote mathematical thinking, communication, and problem-solving abilities in an interactive classroom setting.**



About Math Potentials

Dr. Natasa Sirotic and Dr. Klaus Hoechsmann founded Math Potentials and the Math Circles program 22 years ago at UBC with the support of PIMS. As math educators, they noticed that students were entering university inadequately prepared for the big jump between high school and university level math, and set out to change this. **Since the year 2000, Math Potentials has empowered thousands of young people** with the abilities and mindset that open doors for them to achieve their ambitions with confidence.

Our core practices

Teaching- All our instructors are subject specialists with math or math-related post-secondary degrees

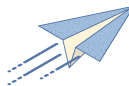
Curriculum- World-class curriculum that connects ideas meaningfully

Environment- Community of students, parents, and teachers who value education and appreciate mathematics

Experience the difference with Math Potentials



Learning for understanding instead of memorization promotes important creative and logical thinking skills in children.



Children are equipped with the necessary skills and knowledge to **bridge the gap between high school and university math.**



Students **develop confidence** as their **level of math is raised beyond** what is offered at their school grade: *"If I can do difficult math, I can do anything."*



Our classes are designed to promote **problem-solving and critical thinking skills** as students are guided to discover mathematical concepts themselves.

"It's not just about finding the answer, it's also about developing the necessary reasoning skills to be able to justify the way in which the answer was found. It is about challenging yourself, being curious, asking the right questions, and thinking like a mathematician would!"

- Dr. Natasa Sirotic, Co-founder of Math Potentials
(pictured on the right)



Our community is full of parents just like you – people who are invested in their child's success.



"Math Potentials has given my daughter confidence in her math skills for sure. This is the best program I have signed her up for over the years and I keep promoting Math Circles to whomever I talk to that has kids or grandkids."

- Edit S., Parent



"I am excited to share that my daughter has been accepted into the Center for Talented Youth at Johns Hopkins University in Baltimore. She wrote the Advanced SCAT exam and qualified with high marks in Math (90th percentile) for the summer programs across many top-ranked Universities. Both my daughter and I wanted to thank Math Potentials! Her being in the program for the last 2.5 years has contributed to her success."

- Ashish D., Parent

Our programs

- 1.5hr classes every two weeks Oct to May for Grade 5+ students
- Taught by passionate subject-matter experts with excellent teaching skills
- Live homework tutorial support in between classes
- Online and in-person classes across Metro Vancouver and Canada

Math Circles empowers students by

- Focusing on conceptual learning rather than memorization.
- Building confidence in their abilities.
- Bridging the gap between high school and university math.
- Developing problem-solving and critical thinking skills.
- Developing communication skills in an interactive classroom environment.



Get in touch with our Programs Director

☎ 604-357-1940

✉ info@mathpotentials.com

🌐 mathpotentials.com

Registrations for 2023-24 are now open



How students grow in our program

01

ALPHA & BETA

Includes up to Grade 8 BC Curriculum



Students in Alpha and Beta develop a deeper understanding of the core concepts that form the foundation of mathematics. Students build the necessary tools to start taking on math problems like a mathematician would, by relying on reasoning rather than memorization.

02

GAMMA & DELTA

Includes up to Grade 10 BC Curriculum



Now, armed with a strong understanding of the core concepts, students develop the ability to generalize, abstract and investigate mathematical relationships. The result of this mindset allows students to adopt a unique way of thinking. Foundational math can now be studied from an advanced standpoint.

03

EPSILON & OMEGA

Includes up to Grade 12 BC Curriculum



Students use their sophisticated mathematical habits of mind to search for meaning in math problems with increased accuracy. Students develop an ability to visualize mathematical relationships through the study of functions and their graphs, presented in the Cartesian coordinate plane.

04

CALCULUS

Includes up to First Year University



By the end of the Math Circles Program, students acquire the necessary knowledge for success in University mathematics courses and are empowered to think like scientists, engineers, and architects. Calculus gives students the ability to model and control systems, enabling extraordinary power over the material world.

Math Potentials' student achievements



"This year I got 6th place at Elmacon. I enjoy going to Math Circles because they teach me things my school doesn't and it's fun."

-Brian Z., Gamma Class



"Math Circles has really helped me progress through math, from learning complex algebra to practicing trigonometry. With all of my learning in this program, I was able to get to the top 10 at Elmacon!"

-Danie, Epsilon Class

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Serving the Metro Vancouver community & thousands of students with our world-class programs since the year 2000.



Math Potentials Math & Science Enrichment Programs

Scan to learn more about our Math & Science programs

Learn more at mathpotentials.com