



JUMP Math's Philosophy

JUMP Math, a Canadian not-for-profit organization, believes that all children can be led to think mathematically, and that with even a modest amount of attention every child will flourish.

What JUMP Math Does

JUMP Math provides tools and support for educators, parents, and volunteers to help young people excel in math. We offer professional development for teachers and training for parents and volunteers, as well as materials for students in Grades 1 to 8.

How JUMP Math is Different

- While the current approach to teaching math assumes that conceptual understanding usually occurs before procedural work, JUMP Math focuses on both conceptual and procedural approaches simultaneously and breaks down new concepts and skills into small sequential steps.
- The JUMP Math method works with advanced learners and those who are struggling with math.
- A positive learning environment with plenty of praise and encouragement are integral parts of the JUMP Math approach. Use of our program demonstrates that children learn better when they conquer their anxiety, feel supported, and are free to take risks.
- JUMP Math shows teachers how to hold the attention of their students by incrementally "raising the bar."

JUMP Math's Success

- JUMP Math reaches 20,000 students per year.
- JUMP Math is in 7 countries.
- JUMP Math is the focus of 5 academic studies.

JUMP Math's Founder

John Mighton, mathematician, playwright, author and social innovator, founded JUMP in 1998. John almost failed first-year calculus in university, but his love of math and his belief that everyone has great mathematical potential led him to develop JUMP Math and then pursue his PhD. John is currently a fellow at the Fields Institute for Research in Mathematical Sciences at the University of Toronto. John is a recipient of two honorary doctorates, an Ashoka Fellowship for social innovation, two Governor General Awards, the Dora Award, the Chalmers Award, and the Siminovitch Prize.

**For more
information
please visit
www.jumpmath.org**

“...John Mighton [JUMP Math’s Founder] shows what can be achieved by combining an understanding of the developing brain’s plasticity with an awareness of the complex needs of young learners.”

Dr. Clyde Hertzman,

Director, Human Early Learning Partnership

JUMP Math in the Classroom

The JUMP Math program is comprehensive and flexible enough to be used as core math curriculum or to serve as supplementary materials.

JUMP Math Works

- JUMP Math expressly addresses math anxiety and confidence.
- The Fractions Unit is an essential starter, uniquely designed to boost students’ confidence.
- JUMP Math balances shared, guided and independent learning with both concrete and symbolic approaches.
- JUMP Math’s pedagogy is based on how children learn and experience success.

JUMP Math For Teachers

- JUMP Math offers high quality Professional Development for all teachers.
- JUMP Math provides tools for teachers to diagnose their students’ math knowledge, as well as their own.
- JUMP Math shows teachers how to design problem-solving lessons (with proper scaffolding and bonus questions for faster students), so that all students can experience success.

JUMP Math Materials

- JUMP Math materials are updated regularly in response to teacher and student needs and feedback.
- Each page of the JUMP Math workbooks addresses one concept only, and the level of difficulty is increased by small increments.
- JUMP Math materials offer multiple representations of concepts to help consolidate learning.

Bring JUMP Math into your Classroom

Explore the JUMP Math program and see if it is right for you. Feel free to:

- Visit our website www.jumpmath.org or call (416)596-7716
- Participate in a Professional Development session.
- Read the various research reports on our website describing JUMP Math’s positive impact on students and teachers.
- Download the Fractions Unit (and more!) from our website.

