



**jump math™**  
MULTIPLYING POTENTIAL.



### Mission

Enhance the potential in children by encouraging an understanding and a love of math in students and educators

### Vision

Banish the culture of math failure from classrooms and communities and reach 2,000,000 students by 2019

### Focus

Education (K-8)  
Canada, USA  
Students and educators

### Problem

Poor math skills contribute to high drop out rates, limited life success, increased risk of anti-social outcomes and huge economic costs.

McKinsey states that the combined impact of achievement gaps in literacy and numeracy in the US are "the economic equivalent of a permanent national recession." 62% of American jobs over the next 10 years will require entry-level workers to be proficient in algebra, geometry, and statistics. 55% of Canadians lack the basic numeracy skills they need to navigate their lives.

### Solution

JUMP Math helps all teachers become extraordinary math instructors through training and resources to enable them to reach and teach all children.

### JUMP Math is Unique

JUMP draws on the latest research in cognitive science to build upon the best of math programs from around the world.

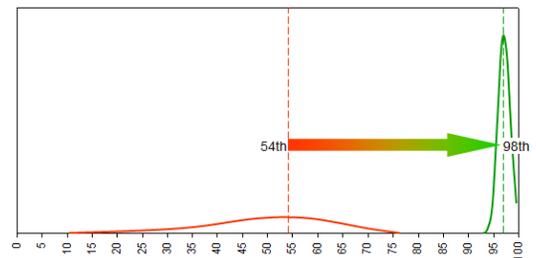
JUMP's unique combination of depth, careful scaffolding, continuous assessment and a variety of innovative instructional approaches enable teachers to accomplish the seemingly impossible task of teaching to the whole class while tailoring to students' individual needs. By reducing difficult concepts to manageable steps, JUMP ensures that all students experience success and the kind of positive reinforcement that creates engagement and propels further learning.

JUMP also recognizes that few elementary school teachers are math specialists, so we take special care to ensure that our Teacher Resources include clear explanations of math concepts and how they link to other subjects, other areas of math and real world applications.

### Track Record

Over 140,000 students using JUMP Math  
34% annual growth of students in past 6 years  
Student and teacher resources for grades 1—8  
5,000 : 1 ratio of students to JUMP employees

### Proven Impact



See evidence on next page

### Organization

Founded as a kitchen-table tutoring group in 1998 by John Mighton

Established as a Canadian charity in 2002

Presently seeking charitable status in USA / UK

### Media

A better way to teach math – New York Times

More: [www.jumpmath.org/in\\_news](http://www.jumpmath.org/in_news)

### Testimonials

Now that I know that every student can succeed, I see a genius in every single child  
~ Andrew Uyeno

More: [www.jumpmath.org/testimonials](http://www.jumpmath.org/testimonials)

***Every child can learn math and love it***



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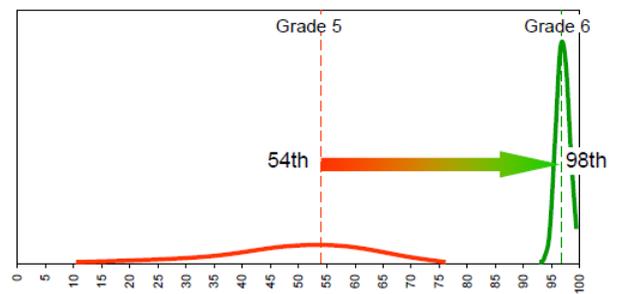
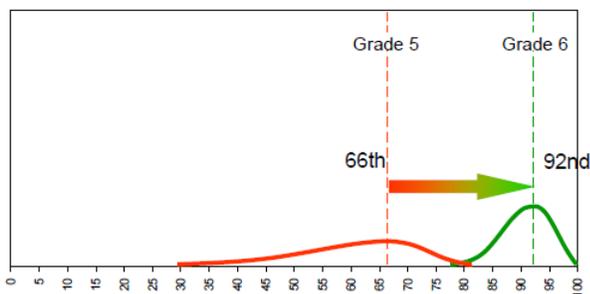
## Randomized-Controlled Study – Partial Results

Researchers found that the math knowledge of children who were taught using JUMP Math grew at twice the rate of children using the incumbent program. The randomized-controlled study was conducted by a team from Toronto's Hospital for Sick Children, The Ontario Institute for Studies in Education and the University of Toronto which followed 272 students randomly selected from 29 classrooms in Ontario. Teachers (classes) were randomly selected to use either JUMP Math or the board's incumbent math program as their sole instructional resource, and the teachers in each group received equivalent training in the respective programs.

~ Solomon et al (2011) data presented at Society for Research in Child Development Biennial Meeting, Montreal, March 31 - April 2, 2011

### Mabin School, Toronto, Canada

The first year that Mary Jane Moreau used JUMP with her grade 5 students, she raised their class average percentile ranking from the 66th percentile on the grade 5 Test of Mathematical Abilities (TOMA) to the 92nd percentile on the grade 6 test. Her second class moved from the 54th to 98th percentile in one year.



In each case, all but one student wrote the grade 6 Pythagoras math contest (normally written by the top 5% of grade 6 math students in Canada) and 14 of 17 achieved distinction.

### Borough of Lambeth, London, UK

In 2007, Lambeth, one of the UK's most socio-economically challenged school districts, began using JUMP's unadapted Canadian materials with remedial students, most of whom were at least 2 grade levels behind when introduced to JUMP. In 2007, Lambeth's year-6 mathematics pass rate trailed the national average by 6% but by 2010 Lambeth's year-6 mathematics pass rate exceeded the national average by 2%.

