

PLAYING THE WAY TO DEEPER LEARNING



MIND Research Institute
ANNUAL REPORT 2014-15



JIJI, MIND'S MASCOT

“ [JiJi] was, to these children, as recognizable as Mickey Mouse, and more beloved [JiJi's] little walk was both the reward for a thousand jobs well done and the incentive to try again, for as long as it took to get it right. [JiJi] was a bit of computer code with a simple message:

NEVER GIVE UP.”

– **GREG TOPPO**

The Game Believes in You
(Palgrave MacMillan, 2015)

MIND RESEARCH INSTITUTE is a nonprofit social benefit organization with the mission to ensure that all students are mathematically equipped to solve the world's most challenging problems.

“The best games are both fun and tantalizingly tricky. We can actually enable our children to play their way to deeper learning.”

— MATTHEW PETERSON, PH.D.

*Co-founder, CEO and Senior Scientist
MIND Research Institute*

STEM
Solutions



Creating **NEW PROGRAMS**



NEW PROGRAMS: Students



ST MATH: Transitional Kindergarten

Research shows early math skills are the number one predictor of later academic success.

Watch the ST Math: TK Video: youtu.be/Oe6PJTbDEcU



“At first I wasn’t familiar with ST Math, but I soon learned that it provides exactly what is missing from a lot of math instruction. It doesn’t just provide numbers and answers; it develops critical thinking, reasoning, logic and problem solving skills.”

— SHANNON DUNCAN
6th grade teacher
McPherson Magnet School

STMath®

MIDDLE SCHOOL SUPPLEMENT

Learn more at
www.mindresearch.org/stmath/middle

STMath®

HIGH SCHOOL INTERVENTION

Learn more at
www.mindresearch.org/stmath/high

NEW PROGRAMS: Teachers

“ I'm starting to look at my student work with a completely different lens.”

— JACKSON PEREZ

4th grade teacher

Casita Center for Technology, Science and Math



Read ***Teachers: Your Students Know More Than You Think*** by MIND's Manager of Instructional Consulting at blog.mindresearch.org/blog/teachers-your-students-know-more-than-you-think.

“**BOEING** understands that for students to excel, it's essential to support teachers. MIND's ST Math program has proven extremely effective at supporting students' deeper conceptual understanding of math concepts, so MIND is perfectly positioned to help educators translate this conceptual understanding into their teaching practice, as well.”

— **DARYL PELC**

Vice President of Engineering & Product Support, Global Services & Support
The Boeing Company



11.5 
HOURS

length of the professional development program, “Make the Standards of Mathematical Practice Come Alive with ST Math,” which was created thanks to Boeing's grant.

160 
TEACHERS

in Huntington Beach City School District trained in 2015 through a grant from Boeing.

9

number of new online, on-demand ST Math training courses for teachers.

67,994

number of times these self-guided online ST Math training courses were accessed by teachers in 2014-15.



Sustained **IMPACT**





890,160

STUDENTS



38,049

TEACHERS



3,080

SCHOOLS



43

STATES



A study by the independent research firm **WestEd** found that ST Math significantly increased students' math scores on state tests. **WestEd's** study, published in 2014, included more than 19,980 elementary school students at 129 California schools using ST Math.

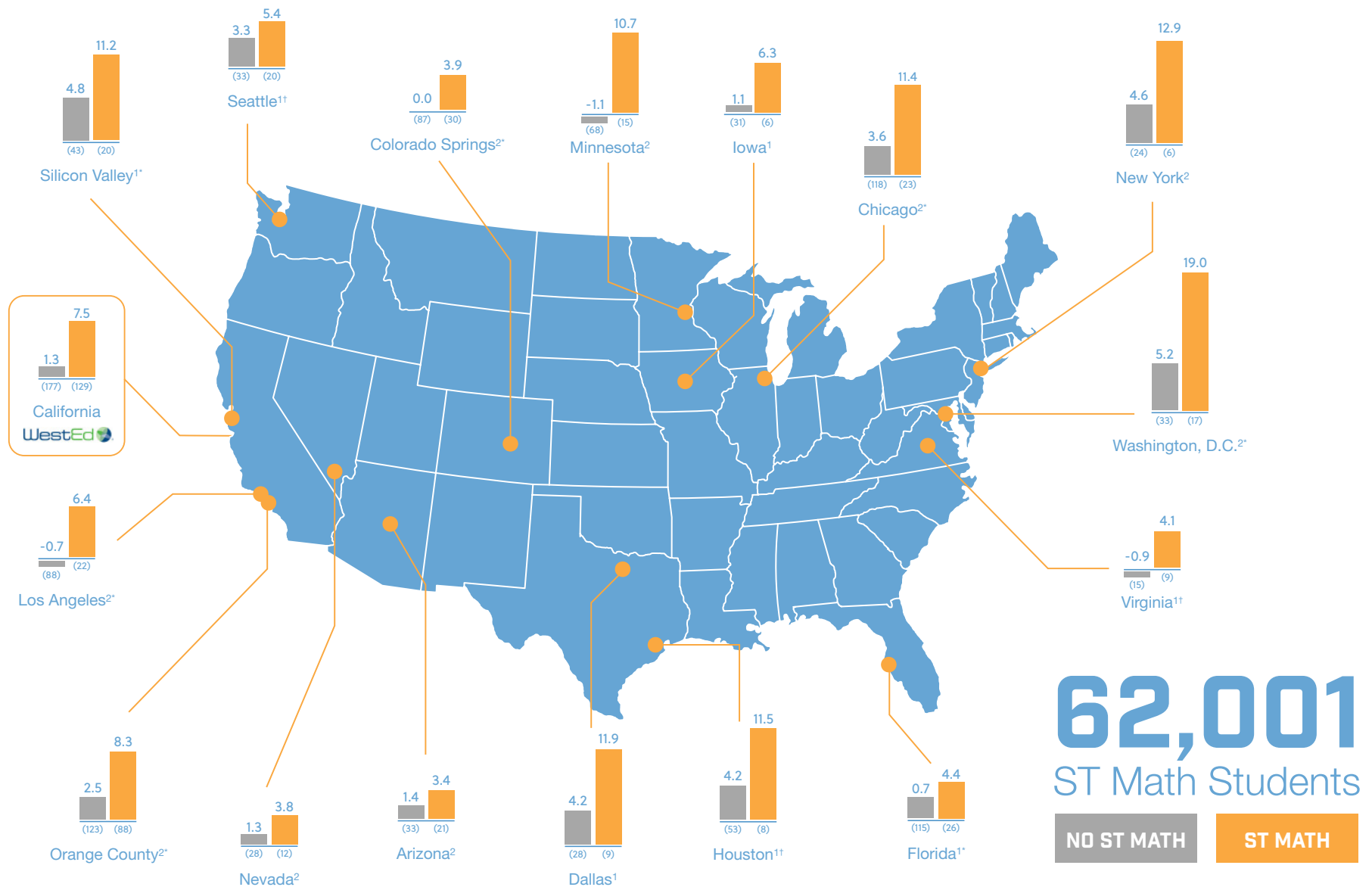
Read about the study at www.mindresearch.org/pdf/EdWk_3496.pdf.

“We have to move beyond educational technology just being innovative and exciting, it needs to demonstrate a measurable impact on student learning and ST Math continues to do just that.”

— **EDIE FRASER**
CEO of STEMconnector

RESULTS

Growth in State Standardized Math Test Proficiency



(n) = number of schools 1 one year ST Math use 2 two years ST Math use * p < .05 † Advanced/Commended Schools without ST Math had similar profiles to schools with ST Math.

JIFI BELIEVER



Jiji fosters a culture of confident, competent problem-solvers who embrace challenges and find a life-long love of learning. See the 2015 Jiji Believers at blog.mindresearch.org/blog/winners-2015-jiji-believer.

MATHMINDS:

Taking Math Beyond the Classroom



MATH FAIR



4,200

attended the free, family-friendly **Math Fair** in Irvine, California on Aug. 2, 2014. Watch the Math Fair Video at youtu.be/gCjqwVlfBPI.

Take a peek at the 2015 Math Fair in Chicago at youtu.be/mbRuM_ZNfMI.

FAMILY MATH NIGHT



400

students, family members and teachers participated in the **Family Math Night** pilot program, with help from sponsors **Cox Communications** and **Comerica Bank**.

GAME-A-THON

Teams from across the nation accepted the challenge to design, build and share their own math games in the **K-12 Game-a-thon**.

Visit: mindresearch.org/gameathon

TOP 5 GAMES

“**Fraction Football**” by *Fantastic Fraction Friends*

“**Myths and Math**” by *Team Griffin*

“**No Fighting Game**” by *Team Itchy Arm Pit*

“**Math Quest**” by *The Mathematical Beasts*

“**The Math Odyssey**” by *The Number Nauts*



VOLUNTEERS

Power Matters.™

FPGA, Timing, F
Microsemi® - The



MORE THAN
300

volunteers made the inaugural Math Fair possible. Become a volunteer at info.mindresearch.org/mindvolunteer.

OUR PARTNERS: Growing Together



Business RoundtableSM

*Since 2013, we have received nearly **\$8.5 million** from members of the Business Roundtable, which named ST Math one of five “Outstanding” K-12 education programs, for being both proven and scalable.*



KPMG

TRANSCANADA

GUARDIAN

DAVITA

CRANE

FREEMPORT MCMORAN

OUR DONORS

Thank you to our donors for another successful year

\$3 MILLION AND UP



\$1 MILLION AND UP



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\$500,000 AND UP

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\$10,000 AND UP

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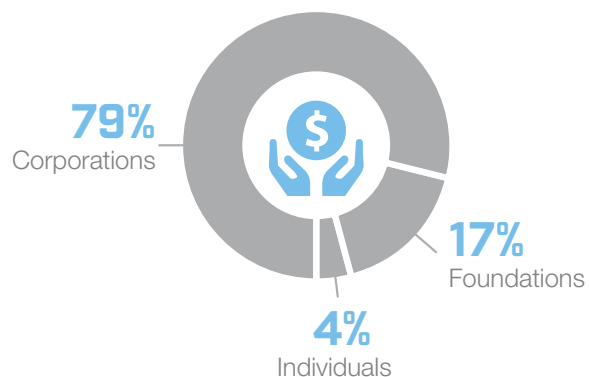
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**Indicates part of all of gift was in-kind*

Note: List reflects cumulative giving as of 6/30/2015

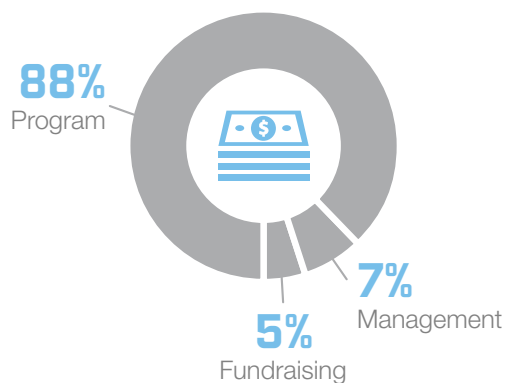
FINANCE

FY 2015 Funding by Donor



Thank you for our record-breaking
\$7.5 million
 in gifts & grants in 2014-15.

FY 2015 Expenses



88% of funding goes directly to programming
 for students, teachers and families

	FY 2015	FY 2014
SUPPORT AND REVENUES		
Contributions	\$ 7,145,245	\$ 6,558,463
Special events, net	--	467,237
In-kind revenues	403,037	510,090
TOTAL FUNDRAISING AND PHILANTHROPY	\$ 7,548,282	\$ 7,535,790
.....		
Program fees – schools	23,279,060	18,909,812
Gain on sale of securities	--	232
TOTAL SUPPORT AND REVENUES	\$ 30,827,342	\$ 26,445,834
.....		
EXPENSES		
Program	26,661,078	21,896,827
Management	2,181,613	1,318,667
Fundraising	1,399,225	1,989,950
TOTAL EXPENSES	\$ 30,241,916	\$ 25,205,444
.....		
INCREASE IN NET ASSETS	585,426	1,240,390
BEGINNING NET ASSETS (DEFICIT)	89,240	(1,151,150)
.....		
NET ASSETS, ENDING	\$ 674,666	\$ 89,240

MIND Research Institute's fiscal year 2015 financial statements were audited by Grant Thornton LLP, certified public accountants. For a complete copy of the 2015 Audited Financial Statements, please email jingram@mindresearch.org or call 949.345.8695.

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THANK YOU!

