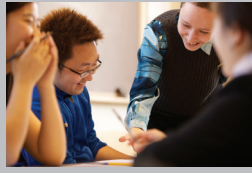


National Math and Science



NATIONAL MATH AND SCIENCE is an agent of change, driving improvements in American student achievement in math and science. The National Math and Science mission is to bring best practices to public school classrooms by replicating on a national scale programs that have data showing they produce solid results. Educators value our comprehensive, evidence-based approach because it delivers dramatic and sustainable results and fundamentally changes educational culture.

National Math and Science's divisions include:

LAYING THE FOUNDATION is dedicated to providing the best content-based, pedagogy-driven, teacher-to-teacher training. LTF training is supported by rigorous classroom-ready lessons and web-based resources to improve the quality of English, mathematics, and science instruction. LTF has trained **over 36,000 teachers** to date and has demonstrated dramatic increases in Advanced Placement* exam participation and success in STEM subjects. LTF believes that training, mentoring, and empowering the teacher corps will lead to high standards of academic excellence for all students.

THE ADVANCED PLACEMENT TRAINING AND INCENTIVE PROGRAM increases the number of high school students succeeding in AP courses — which means they are much more likely to complete college. The APTIP formula for success includes: extra training for AP teachers, support from master teachers, more time on task for students in after-school and weekend prep sessions, as well as incentives for teachers and students to excel. More than **11,000 teachers** have received specialized training in the last four years through the National Math and Science AP program.

THE UTEACH PROGRAM encourages talented college students majoring in science, technology, engineering, and math (STEM) to enter the teaching profession. The UTeach formula for success includes: tailored degree plans, coaching from master teachers, early practice teaching experience, and financial assistance. UTeach students graduate with their STEM degree and a teaching certificate with no extra time or cost.

GAME-CHANGING RESULTS

The National Math and Science AP Program doubles the number of students taking and passing Advanced Placement courses in participating states.

- + Our AP program has an immediate impact on students' lives. Schools that have gone through the program average an increase of **79 percent** in the number of qualifying AP math, science, and English exams after just one year, which is **11 times** the national average.
- + Gains for traditionally underrepresented groups are even more impressive. Qualifying scores for African-American and Hispanic students average an increase of **107 percent** in AP math, science, and English the first year of the program, which is **8 times the national average**.
- + Our AP program also is addressing the "gender gap" — the average one-year increase in qualifying scores for female students in AP math and science is **84 percent**, which is **12 times** the national average.

NMS is reinvigorating math and science education in America. How? We're subtracting the boredom from the classroom by adding inspiring teachers and high expectations.

*Advanced Placement and AP are registered trademarks of the College Board.



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Originated by The University of Texas at Austin in 1997, the **UTeach Program** is one of the fastest-growing teacher preparation programs in the country.

- + UTeach is now being implemented in **34 universities** in the U.S.
- + Enrollment has more than tripled in three years and reached the milestone of **5,500 students** in fall 2011.
- + More than **80 percent** of the graduates who become teachers are still in the classroom after five years, compared to a national average of 65 percent.
- + The UTeach Institute estimates that graduates of UTeach programs nationwide will have taught more than **four million students** by 2020.

EXPANDING OUR SCOPE

In fall 2010, National Math and Science also launched the **Initiative for Military Families (IMF)** to provide AP courses in math, science, and English for students in military families. National Math and Science is partnering with the Military Child Education Coalition, the Military Impacted Schools Association, the Office of Naval Research, the Army Education Outreach Program, the Department of Defense Education Activity, and the White House's Joining Forces Initiative to implement the IMF program in a total of **52 high schools** where there are high concentrations of children with family members serving in the military.

In order to reach rural schools without access to full AP programs, National Math and Science also is pioneering AP instruction online in South Dakota through the **Learning Power** program, which has rapidly grown to reach half the school districts in the state. NMS is also supporting an AP incentive program in New Orleans through **Advanced NOLA** with Tulane University.

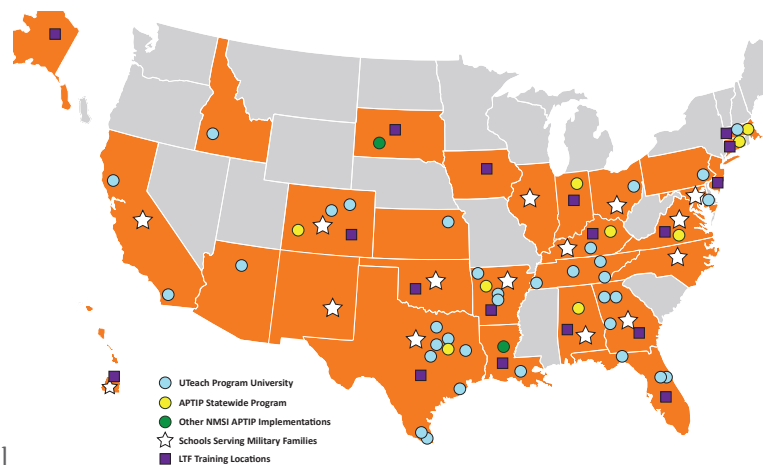
FUNDING SUPPORT

A non-profit organization, National Math and Science has received major funding from **Exxon Mobil Corporation**, the **Bill & Melinda Gates Foundation**, and the **Michael & Susan Dell Foundation**, with additional support from the **Carnegie Corporation**, **Texas Instruments Foundation**, and **Lockheed Martin Corporation**.

YOU CAN MAKE A DIFFERENCE

Help us multiply success across our nation. We are off to a great start, but we need more allies for this crucial national mission. You can get involved by:

- + **Providing a donation.** Help from corporations, foundations and individuals is needed to move math and science education forward.
- + **Applying for our programs.** Encourage your state or university leaders to implement NMS programs.
- + **Supporting programs in your area.** Local donations will leverage the impact of NMS grants.
- + **Contacting government officials.** Call on your elected leaders to support science, technology, engineering and math (STEM) as education priorities.



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WE'VE GOT A FORMULA THAT WORKS