

How the Advanced Placement Training and Incentive Program (APTIP) Works

NMSI begins by selecting state non-profit organizations that have shown strong leadership in education to implement APTIP statewide. NMSI provides the initial grants to replicate APTIP, then state affiliates build local support to ensure the long-term sustainability of the program.

APTIP gives teachers the tools to succeed in the classroom.

Providing special teacher training and on-going support from master teachers is at the heart the APTIP experience. APTIP provided training for more than 8,000 AP and Pre-AP math, science, and English teachers.



Training more AP teachers means more advanced classes can be offered in the U.S.

APTIP has nearly doubled the number of students taking and passing AP courses in math, science and English in participating states.



Reaching a wider range of students reduces the “opportunity gap.”

APTIP is opening doors to more under-represented students. In three years, our first cohort of schools in the APTIP has increased the number of African-American and Hispanic students taking AP courses in the critical areas of math, science, and English by **286 percent** in participating schools - over **eight and a half times** the national average.



Boosting female participation in APTIP reduces the “gender gap.”

In three years, our first cohort of schools in the APTIP also has raised the number of female students taking AP math and science in participating schools by **169 percent**, which is over **seven times** the national average. This significantly improves access for more young women to careers in the fast-growing fields of science, technology, engineering, and math (STEM).





Expanding AP enrollment reshapes school culture.

APTIP is raising the bar for academic achievement in public high schools by inspiring and equipping more students to master ambitious coursework. APTIP's formula for success includes training for AP teachers, on-going support from master teachers, more time on task for students in after-school and Saturday study sessions, as well as incentives for teachers and students to excel.



Mastering AP coursework prepares more students for success in college and life.

Students who pass an AP courses are three times more likely to complete college. Even those who do not pass benefit from the exposure to college-level curriculum and are more likely to graduate from college. College graduates then have access to higher-paying jobs — unemployment for workers without a college degree is nearly twice that of college graduates. Students mastering AP math and science courses gain an additional competitive edge: Eight of the 10 fastest-growing occupations require math and science skills.



Providing rigorous learning experiences pays off.

Three consecutive years of positive results show APTIP works. APTIP schools have increased passing rates in AP math, science and English by an average **124 percent** — nearly **six times** the national average. There is no other formal program in the country that has produced these types of results.



Raising the academic bar with APTIP helps the U.S. become more competitive.

Advanced Placement students stand out in an increasingly competitive world. They compare favorably with top students in other countries while American student achievement overall has dropped below average. 2010 international rankings by the Organization for Economic Cooperation and Development (OECD) show the U.S. ranks 25th in math and 17th in science. NMSI's goal is to raise the level of achievement in American public schools by helping more students master AP courses — and soar.



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WE'VE GOT A FORMULA THAT WORKS