



FOR IMMEDIATE RELEASE

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2,500 INDIANA HIGH SCHOOL STUDENTS MAKE STRIDES FOR COLLEGE & CAREER IN “ADVANCED PLACEMENT” SUCCESSSES

Higher level of achievement in AP math, science, and English courses will be saluted;
“AP-TIP IN” program grows as Notre Dame supports teachers and students statewide*

SOUTH BEND, IN – October 6, 2015 – AP-TIP IN™ is elated to report major accomplishments from the third year of the program designed to considerably increase the number of high school students earning college credit from their success in Advanced Placement® math, science, and English courses.

Students and teachers in the following 30 public high schools leaped ahead together for college- and career-readiness during the 2014-2015 school year, with the Advanced Placement Training and Incentive Program for Indiana (AP-TIP IN):

- *Arsenal Tech High School*
- *Ben Davis High School*
- *Broad Ripple High School*
- *Clark High School*
- *Concord High School*
- *Crawford County High School*
- *Crispus Attucks Medical Magnet School*
- *Eastern Green High School*
- *Edgewood High School*
- *Elkhart Central High School*
- *Elkhart Memorial High School*
- *Gavit High School*
- *Hammond High School*
- *Jeffersonville High School*
- *Kokomo High School*
- *Lake Central High School*
- *Lawrence Central High School*
- *Lawrence North High School*
- *Lebanon High School*
- *Mississinewa High School*
- *Morton High School*
- *New Prairie High School*
- *Perry Meridian High School*
- *Pike High School*
- *Richmond High School*
- *Southport High School*
- *Speedway High School* □
- *Westfield High School*
- *Whiteland High School*
- *Whitko High School*

After completing three years in the program, participants demonstrated that the innovative model developed by the National Math and Science Initiative (NMSI) dramatically increases preparation and performance in the AP math, science, and English (MSE) tests. In the 2014-15 school year, more than **2,500** students in these schools achieved a score of 3, 4, or 5 on nearly **3,500** AP MSE tests, thereby becoming eligible for college credit for those college courses. (Many students took more than one AP test.)



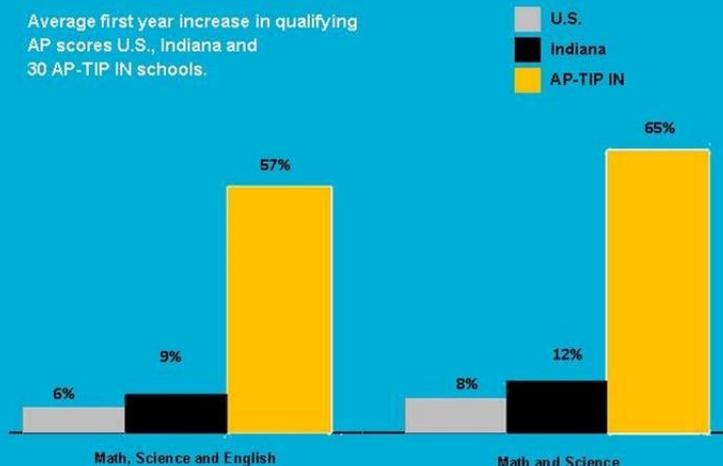
NATIONAL
MATH + SCIENCE
INITIATIVE

AP~TIP
Advanced Placement Training
& Incentive Program



We Make a Dramatic Difference in One-Year

Average first year increase in qualifying AP scores U.S., Indiana and 30 AP-TIP IN schools.



In their first year of participating in AP-TIP IN, participating schools' AP MSE scores **increased by an average of 57%**! This increase reflects the success of the AP-TIP IN and NMSI model of preparing both students and teachers for mastery of advanced subject matter, and increased access to and enrollment in, designated AP courses.

During the three years the program has been implemented, minorities and women students have experienced great gains. Minority students, particularly African American and Hispanic student students, increased the number of college-level scores for math, science, and English AP exams

by **99%**. Counting only math and science, which are highlighted as STEM (science, technology, engineering, and math) disciplines prized by leading employers, this same group more than **doubled** the numbers scoring 3, 4, or 5. To date, success on AP math and science exams for African American and Hispanic students **increased by an average of 191%**.

Female students made similar gains, with a three-year increase in math and science qualifying scores **93%** Such strides among these key underrepresented groups prove that students, when provided the opportunity and support, can close the achievement gap as they become STEM-literate and geared for college success.

The NMSI model combines training and incentives for students and educators who want to take their high

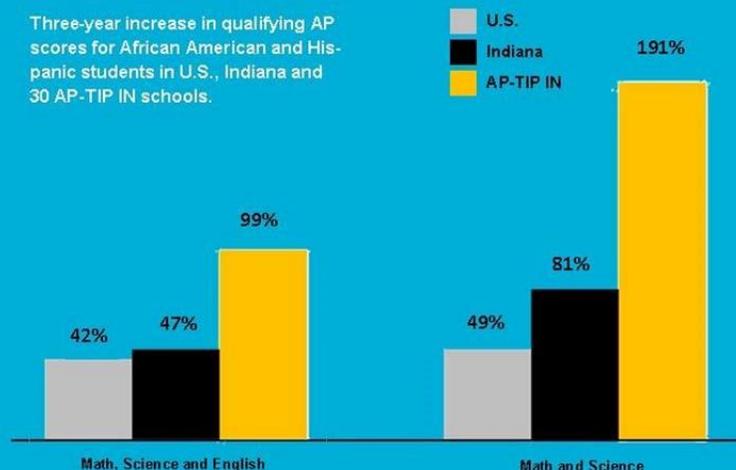


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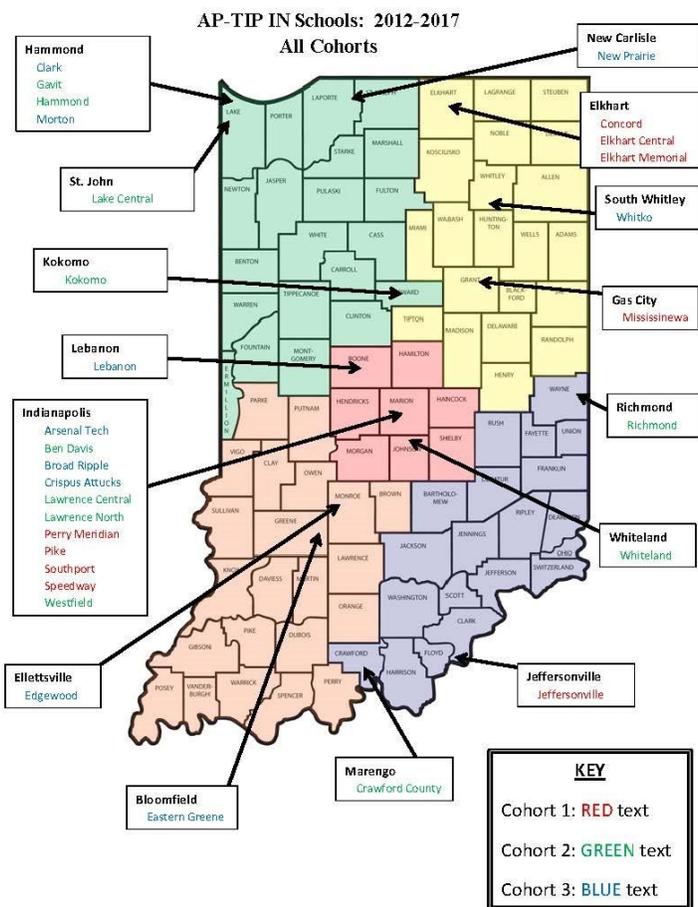
We are Closing the Achievement Gap

Three-year increase in qualifying AP scores for African American and Hispanic students in U.S., Indiana and 30 AP-TIP IN schools.



school expectations to the next level. Through the AP-TIP IN program, which is administered for Indiana by the University of Notre Dame's Institute for Educational Initiatives, participating public schools cooperate in year-round initiatives. These include extensive training of teachers, additional time-on-task for students through tutoring and exam preparation, and financial incentives for students and teachers when testing yields the qualifying scores.

After three years of the program, more than 12,000 students at the 30 Indiana High Schools took over 18,700 AP math, science and English courses. Increasing enrollments and access to AP math, science, and English courses is a goal of this program; and this practice opens doors to college success among all participants. Of those 12,000 students, **over 4,900 earned more than 7,600 qualifying scores in AP math, science and English courses.** This translates to a savings in college credit for Indiana families of approximately \$2,933,600 for IVY Tech courses to \$7,748,200 for courses such as those at Purdue University and Indiana University



The location of all cohort schools shown on this state map demonstrates the geographical and demographical diversity of this program.

AP-TIP IN, currently funded as a five-year program, is soliciting funds to assist new schools for future cohorts. Additional information can be found at Notre Dame's AP-TIP IN website: <http://iei.nd.edu/aptipin>.

***** *National Math and Science Initiative (NMSI)* is an innovative non-profit organization created to scale programs proven to positively impact math and science education in the U.S. Launched in March 2007, NMSI was developed in response to the call for action by the National Academies' 2005 blue ribbon panel report, *Rising Above the Gathering Storm*. According to the panel of 20 experts, improving American students' performance in math and science coursework is the most effective way to increase the United States' global competitiveness. Exxon Mobil Corporation announced its support for the initiative with a commitment of \$125 million. The Bill and Melinda Gates Foundation and the Michael & Susan Dell Foundation have also joined as funders. For more information about NMSI, please visit www.nmsi.org.

*College Board's Advanced Placement Program** enables students to pursue college-level studies while still in high school. Thirty-seven courses in 22 subject areas are offered. Based on their performance on rigorous AP exams, sections of which are scored by college faculty and experienced AP teachers, students can earn credit, advanced placement or both for college. More than 3600 colleges and universities around the world recognize AP for credit, placement and/or admissions decisions, including more than 90 percent of four- year colleges and universities in the United States. For more information, please visit www.collegeboard.com.

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Program Overview

AP-TIP IN™ is a statewide math-science initiative dedicated to helping Indiana's students reach new heights in rigorous academic achievement. Begun in 2012, this is a five-year partnership between Advanced Placement – Training and Incentive Program (AP-TIP IN) and the National Math and Science Initiative (NMSI). Under conditions of matching over the five years, NMSI has committed \$7 million to AP-TIP IN.

NMSI Elements of Success



The NMSI Model, comprised of interrelated elements essential for success, is premised on proven success using a philosophy of inclusiveness and high expectations for each student to successfully prepare for and participate in academically rigorous coursework, i.e., the Advanced Placement (AP) Program

Success is measured by growth of students' participation in AP courses both in terms of enrollments (Pre-AP and AP) and of Qualifying Scores in eligible MSE courses

The eligible math, science and English (MSE) AP courses include: Calculus (AB, BC), Computer Science A, Statistics, Biology, Chemistry, Environmental Science, Physics (1 and 2, C: Mechanics), English Language and English Literature.

The components of the NMSI Model that AP-TIP IN is replicating are designed to be implemented in a coordinated complementary manner. Described briefly below are these interrelated components.

For Students:

- AP Courses in MSE** ▶ Rigorous AP college-level courses in math, science and English.
- Open Enrollments:** ▶ A culture of inclusiveness and preparation for more students to enroll in AP classes.
- Student Time-on-Task:** ▶ Tutoring, exam prep sessions, and other support made readily available to students.
- Exam Fees:** ▶ Supplements to help cover AP exam fees not provided from other sources.
- Incentives:** ▶ Students receive \$100 per Qualifying Score (3, 4, or 5) on AP exams in eligible MSE courses.
- Counseling/Recruiting:** ▶ Supportive information to help in student/family decisions to prepare for and enroll in AP.

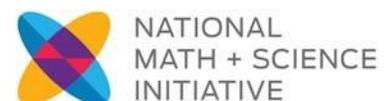
For Teachers/Administrators/Schools:

- Teacher Training:** ▶ For AP & Pre-AP teachers, 4-day summer institutes & other training during the academic year.
- Stipend:** ▶ AP teachers receive a \$500 stipend to support additional responsibilities in extra training and teaching AP
- Incentives:** ▶ Based on enrollment, AP teachers receive a \$500 incentive.
- Threshold Bonuses:** ▶ Achieving pre-set targets for Qualifying Scores (by class and by school) triggers bonuses for AP teachers and the designated school administrator.



affiliated with
<http://iei.nd.edu/aptipin>

AP-TIP IN is part of the
University of Notre Dame Institute for
Educational Initiatives and is
the National Math and Science Initiative



<http://www.nms.org>



**2014-15
Teacher of the Year
Nominees**

English

Peg DeBoer ~ Elkhart Memorial High School
Heather Walker ~ Elkhart Memorial High School
Diane Kagel ~ Donald E. Gavit Jr./Sr. High School
Jenifer Scott ~ Kokomo High School

Mathematics

Tracy Tarr ~ Eastern Greene High School
Karen Podell ~ Westfield High School
Michael Gillespie ~ Whiteland Community High School
Brian Lukich ~ Whiteland Community High School

Science

Grace Schmitt ~ Ben Davis High School
Thomas Ferguson ~ Kokomo High School
Kendal Smith ~ Lake Central High School

School of the Year Nominees

Eastern Greene High School, Bloomfield, Indiana
Donald E. Gavit Jr./Sr. High School, Hammond, Indiana
Kokomo High School, Kokomo, Indiana
Whitko High School, South Whitley, Indiana



**2014-15
Teacher of the Year
Winners**

English

Jenifer Scott ~ Kokomo High School

Mathematics

Brian Lukich ~ Whiteland Community High School

Science

Thomas Ferguson ~ Kokomo High School

**School of the Year
Winner**

Kokomo High School, Kokomo, Indiana