



KENTUCKY  
SCIENCE & TECHNOLOGY  
CORPORATION

PO Box 1049, Lexington, KY 40588

## PRESS RELEASE

For Immediate Release  
April 13, 2011

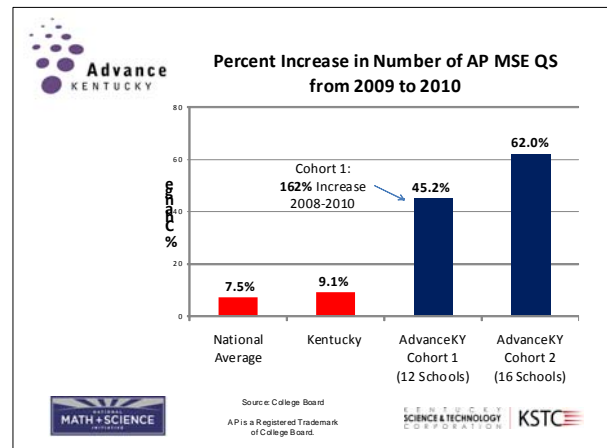
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### AdvanceKentucky Announces 20 New High Schools to Participate in the National Math and Science Initiative AP Teacher Training and Incentive Program

LEXINGTON, Ky. – Twenty (20) new high schools are joining AdvanceKentucky, bringing to 64 the number of high schools that are implementing the AP Teacher Training and Incentive Program (APTIP). This successful program involves content-rich teacher training and extensive support and incentives for students and teachers for achieving qualifying scores on Advanced Placement (AP)\* exams in math, science and English.

AdvanceKentucky is funded by a \$13.2 million grant from the National Math and Science Initiative (NMSI), which is supported by ExxonMobil, Dell and Gates Foundations, Lockheed and others. Kentucky sponsors include the Kentucky Department of Education (KDE) including \$500,000 for expansion to new schools during the 11-12 school year, Council on Postsecondary Education, and Kentucky Science and Technology Corporation. AdvanceKentucky has received federal grants from Appalachian Regional Commission and US Department of Education through KDE.

The NMSI model has demonstrated its proven ability in Kentucky schools to dramatically increase access to and accelerate learning in rigorous math, science and English (MSE) courses, as shown by qualifying scores on AP exams, particularly among underrepresented student populations. On the most recent 2010 AP exams, the 28 AdvanceKentucky schools alone contributed 43 percent of all new qualifying scores (QS) earned across Kentucky and 69 percent of new QS earned by minority students. These early participants performed at up to 12 times the national rate of one-year growth in student performance.



The 20 high schools named for Cohort 4 are: Allen County Scottsville, Apollo, Bell County, Betsy Layne, Bracken County, Campbell County, Glasgow, Daviess County, Hancock County, Jackson County, Jenkins, Knox Central, Lynn Camp, Marshall County, Mayfield, McLean County, Metcalfe County, Owen County, Pikeville, and Washington County.

The student profile of Cohort 4 high schools includes 53 percent free and reduced lunch (ranging from 24 percent to 85 percent) and five percent minority (African American and Hispanic ranging from less than one percent to 37 percent). Projected math, science and English AP enrollments for 11/12 school year anticipate an increase of 140 percent above 10/11 figures before entering the program.



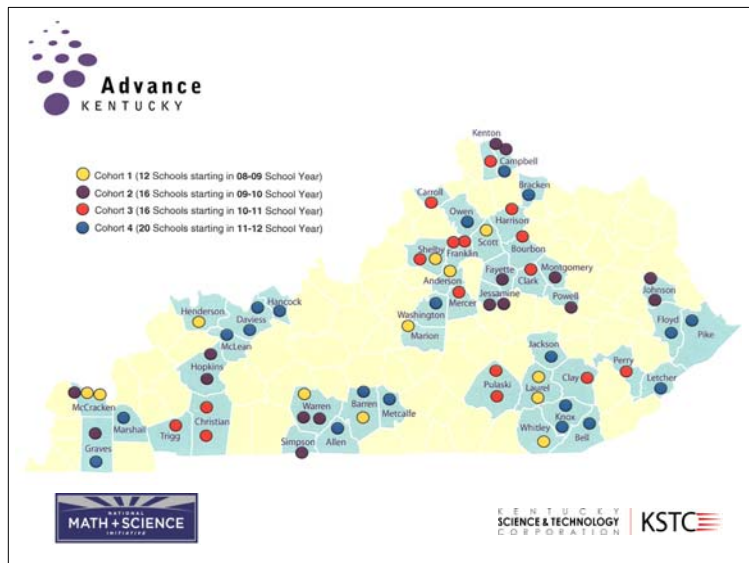
\*\*more\*\*



[nationalmathandscience.org](http://nationalmathandscience.org)

These 64 participating schools are in 52 school districts, involving 480 AP teachers and over 17,000 AP MSE enrollments in the 11/12 school year. At least 440 MSE AP courses are planned for the 11/12 school year in calculus, statistics, computer science, biology, chemistry, physics, environmental science, English Language and English Literature

In addition to the 20 new schools named for Cohort 4, the 44 high schools currently participating in AdvanceKentucky are: Anderson County, Barren County, Bellevue, Bourbon County, Bowling Green, Bryan Station, Carroll County, Christian County, Clay County, Corbin, East Jessamine, Franklin County, Franklin-Simpson, George Rogers Clark, Graves County, Harrison County, Heath, Henderson County, Highlands, Holmes, Hopkins County Central, Hopkinsville, Johnson Central, Lone Oak, Madisonville Martha Layne Collins, Mercer County, North Hopkins, Marion County, Montgomery County, North Laurel, Paintsville, Perry County Central, Powell County, Pulaski County, Reidland, Scott County, Shelby County, South Laurel, Southwestern, Trigg County, Warren Central, Warren East, Western Hills, and West Jessamine. All 64 schools participating in the 11-12 school year are depicted on the map.



In recognition of the national importance placed on the success of NMSI-APTIP, last week ExxonMobil launched a national ad campaign during the ESPN/CBS-TV Sports coverage of the 2011 Masters Golf Tournament spotlighting students and teachers from across the country who are participating in APTIP, including AdvanceKentucky. The new commercials feature compelling profiles of AP students and teachers as well as video footage filmed on location at schools around the country. These ads and more stories of students and teachers in the APTIP program can be found at [MyNMSIstory.com](http://MyNMSIstory.com).

“This is an extraordinary boost for math and science education,” said Tom Luce, CEO of the National Math and Science Initiative (NMSI). “We are grateful to ExxonMobil for devoting all of its commercial spots during this high-audience event to showcase our program. These spots will go a long way toward raising awareness of how critically important it is to bring college-level math and science courses to more young Americans.”

Schools interested in applying to AdvanceKentucky for participation in Cohort 5 may visit [advanceky.com](http://advanceky.com) for application materials or email Joanne Lang at [jlange@kstc.com](mailto:jlange@kstc.com) for more information.

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





...accelerating learning in math, science and English

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## Roster of High Schools Participating in AdvanceKentucky By District, County and Cohort

District	AdvanceKY High School	County	Cohort	District	AdvanceKY High School	County	Cohort	District	AdvanceKY High School	County	Cohort
Allen	Allen County Scottsville	Allen	4	Franklin	Franklin County	Franklin	3	McCracken	Heath	McCracken	2
Anderson	Anderson County	Anderson	1	Franklin	Western Hills	Franklin	3	McCracken	Lone Oak	McCracken	1
Barren	Barren County	Barren	1	Glasgow Ind	Glasgow	Barren	4	McCracken	Reidland	McCracken	1
Bell	Bell County	Bell	4	Graves	Graves County	Graves	2	McLean	McLean County	McLean	4
Bellevue Ind	Bellevue	Campbell	2	Hancock	Hancock County	Hancock	4	Mercer	Mercer County	Mercer	3
Bourbon	Bourbon County	Bourbon	3	Harrison	Harrison County	Harrison	3	Metcalfe	Metcalfe County	Metcalfe	4
Bowling Green Ind	Bowling Green	Warren	2	Henderson	Henderson County	Henderson	1	Montgomery	Montgomery County	Montgomery	2
Bracken	Bracken County	Bracken	4	Hopkins	Hopkins Central	Hopkins	2	Owen	Owen County	Owen	4
Campbell	Campbell County	Campbell	4	Hopkins	Madisonville N Hopkins	Hopkins	2	Paintsville Ind	Paintsville	Johnson	2
Carroll	Carroll County	Carroll	3	Jackson	Jackson County	Jackson	4	Perry	Perry County Central	Perry	3
Christian	Christian County	Christian	3	Jenkins Ind	Jenkins	Letcher	4	Pikeville Ind	Pikeville	Pike	4
Christian	Hopkinsville	Christian	3	Jessamine	East Jessamine	Jessamine	2	Powell	Powell County	Powell	2
Clark	George Rogers Clark	Clark	3	Jessamine	West Jessamine	Jessamine	2	Pulaski	Pulaski County	Pulaski	3
Clay	Clay County	Clay	3	Johnson	Johnson Central	Johnson	2	Pulaski	Southwestern	Pulaski	3
Corbin Ind	Corbin	Whitley	1	Knox	Knox Central	Knox	4	Scott	Scott County	Scott	1
Covington Ind	Holmes	Kenton	3	Knox	Lynn Camp	Knox	4	Shelby	Martha Layne Collins	Shelby	3
Daviess	Apollo	Daviess	4	Laurel	North Laurel	Laurel	1	Shelby	Shelby Co	Shelby	1
Daviess	Daviess County	Daviess	4	Laurel	South Laurel	Laurel	1	Simpson	Franklin-Simpson	Simpson	2
Fayette	Bryan Station	Fayette	2	Marion	Marion County	Marion	1	Trigg	Trigg County	Trigg	3
Floyd	Betsy Layne	Floyd	4	Marshall	Marshall County	Marshall	4	Warren	Warren Central	Warren	2
Fort Thomas Ind	Highlands	Campbell	2	Mayfield Ind	Mayfield	Graves	4	Warren	Warren East	Warren	1
								Washington	Washington County	Washington	4



**Advance**  
KENTUCKY

*...accelerating learning in math, science and English*

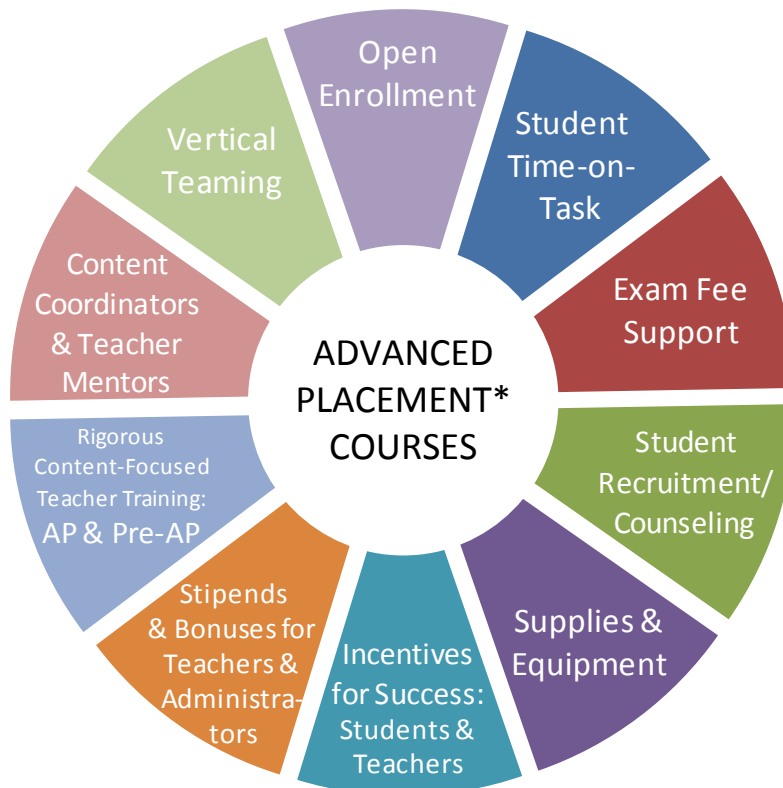
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**National Math & Science Initiative (NMSI)  
AP Teacher Training and Incentive Program  
ELEMENTS OF SUCCESS**

Updated May 2009



[nationalmathandscience.org](http://nationalmathandscience.org)  
[advanceky.com](http://advanceky.com)

\* Advanced Placement Program, AP, and Pre-AP are registered trademarks of the College Entrance Examination Board, which was not involved in the production of this product.

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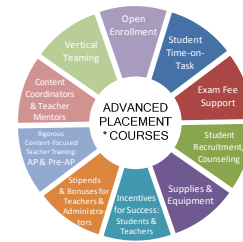


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## National Math & Science Initiative (NMSI) AP Teacher Training and Incentive Program ELEMENTS OF SUCCESS

Updated May 2009



Described below are the interrelated elements of the NMSI Model that AdvanceKentucky is Replicating. These are designed to be implemented simultaneously in a coordinated manner.

### *FOR STUDENTS (annually)*

- ▶ **Open Enrollments:** A culture of inclusiveness and preparation for more students to enroll in and be successful in Advanced Placement (AP)\* math, science and English (MSE) classes.
- ▶ **AP Courses in MSE:** Advanced Placement college-level courses in MSE subjects.
- ▶ **Student Time-on-Task:** Tutoring, 18 hrs of Student Study Sessions for each AP course and other supports made readily available to students.
- ▶ **Exam Fees:** Supplements to help cover 50% of AP exam fees not provided from other sources (such as KDE Fee Waiver Grant).
- ▶ **Incentives:** \$100 per Qualifying Score (3, 4, or 5) on AP exams in MSE.
- ▶ **Counseling/Recruiting:** Supportive information (especially in the early grades) to help with student/family decisions to prepare for and enroll in AP.

### *FOR TEACHERS, ADMINISTRATORS, AND SCHOOLS (annually)*

- ▶ **MSE Content Coordinators:** \$700 stipend per Coordinator per content area to set up three 6-hr student study sessions and implement four Vertical Teams meetings each year.
- ▶ **AP Teacher Mentors:** Master AP teachers mentor colleagues on relevant subject matter on a path to new learning among AP students (\$400 fee per mentee served).
- ▶ **AP Consultants/Contractors:** Up to \$400 for conducting an extracurricular study session (or \$100 per 75-minute block).
- ▶ **Training:** Rigorous content-focused 5-day summer institute (or pre-approved equivalent) for all AP teachers (for first 2 yrs and then every 3rd yr) & other 2-day training during the academic yr, and 4-day summer institute for 5 Pre-AP teachers (at least one per MSE subject area) each for 3 yrs.
- ▶ **Vertical Teaming:** Four meetings where high school and middle school teachers collaborate in the skills preparation of students for success in AP classes.
- ▶ **Stipend & Incentives for AP Teachers:** \$500 stipend to support additional responsibilities in extra training and teaching AP and \$100 per qualifying score achieved by students in their eligible AP classes.
- ▶ **Threshold Bonuses:** Achieving pre-set learning targets measured through Qualifying Scores (by class and by school) triggers bonuses for AP teachers of \$1,000, \$2,000 or \$3,000 and if school-wide goal is met \$3,000 for the designated school administrator and \$500 for AP Coordinator.
- ▶ **Equipment & Supplies:** up to \$5,000 for equipment and \$25 per student enrolled in eligible AP classes (1:1 school matching required). Equipment cap for years 2 and 3 are \$4,000 and \$3,000 respectively.
- ▶ **Access to National NMSI and State AdvanceKY Networks**

\*Advanced Placement, AP and Pre-AP are registered trademarks of the College Entrance Examination Board, which was not involved in the production of this program.



**PRESS RELEASE**

April 7, 2011

**National Math and Science Initiative Showcased in ExxonMobil's  
Masters Golf Tournament Ads**

**'An extraordinary boost for math and science education,' says NMSI CEO Tom Luce**

**DALLAS**—A national ad campaign during the ESPN/CBS-TV Sports coverage of the 2011 Masters Golf Tournament April 7-10 is spotlighting students and teachers from across the country who are participating in the [National Math and Science Initiative's](#) highly successful [Advanced Placement Training and Incentive Program](#) (APTIP).

"This is an extraordinary boost for math and science education," said Tom Luce, CEO of the National Math and Science Initiative (NMSI). "We are grateful to ExxonMobil for devoting all of its commercial spots during this high-audience event to showcase our program. These spots will go a long way toward raising awareness of how critically important it is to bring college-level math and science courses to more young Americans."

The new commercials feature compelling profiles of AP students and teachers as well as video footage filmed on location at schools around the country. The series of ads will begin airing April 7 on the ESPN network during the first round of the prestigious golf championship and will continue April 9 and April 10 on CBS-TV. In recent years, the final rounds of the tournament have drawn as many as 15 to 20 million television viewers.

In addition, ExxonMobil is hosting special viewings of the commercials at the schools attended by featured students and teachers to rally additional student interest in the Advanced Placement\* program. Those special events will be held at 10 high schools in six states in April and May. More stories of students and teachers in the APTIP program can be found at [MyNMSIstory.com](#).

The initial response to the ads has been positive. Randi Weingarten, president of the American Federation of Teachers, said, "The AFT would like to thank the National Math and Science Initiative and ExxonMobil for highlighting the power of quality teaching. Quality teaching starts with the relationship between the teacher and student. Teachers across the country are helping to prepare children for the knowledge economy and the digital world they will inherit. Our children must learn critical thinking and problem-solving skills that will help them navigate life, school and career. The ad campaign is focused on this important mission and we are grateful for their effort."

A non-profit organization, NMSI has been at the forefront of public-private efforts to raise math and science achievement in the U.S. since 2007, when it was created with foundational support from [Exxon Mobil Corporation](#), the [Bill & Melinda Gates Foundation](#) and the [Michael & Susan Dell Foundation](#).

Advanced Placement (AP), a program administered by the College Board, enables students to pursue college-level studies while still in high school. Through more than 30 college-level courses, each culminating in a rigorous exam, AP gives students the opportunity to earn college credit, advanced placement or both. Taking AP courses also demonstrates to college admission officers that students have sought the most rigorous curriculum available to them.

Luce pointed out that expanded access to AP courses through the APTIP program not only gives more American students the opportunity to earn college credit for advanced coursework, it also significantly increases their chances of succeeding in college. Students who pass an AP exam are three times more likely to complete their college education. In the last two years, NMSI has doubled the number of students taking and passing AP math, science and English exams in participating schools, dramatically boosting their chances of being college-ready.

**About NMSI:** NMSI was launched in 2007 by top leaders in business, education, and science to reverse the United States' troubling decline in math and science education. NMSI is focused on improving the American public school system by replicating programs nationally that have documented success: the AP Training and Incentive Program (APTIP) to expand the number high school students mastering college-level Advanced Placement\* courses, and UTeach, a program to recruit and prepare college students to become qualified math, science and computer science teachers. The APTIP approach currently is being implemented in 10 states: Arkansas, Alabama, Colorado, Connecticut, Kentucky, Massachusetts, New Mexico, South Dakota, Texas, Virginia. The UTeach program is being implemented by 22 universities across the United States and enrollment has tripled in the last three years.

**About the Advanced Placement Training and Incentive Program (APTIP):** APTIP increases dramatically the performance of high school students in rigorous college-level courses in math, science, and English. The comprehensive APTIP approach increases teacher effectiveness and student achievement through content training, teacher and student support, vertical alignment of teachers, open enrollment, and incentives. Schools participating in the program for the last two years in six states showed a 97.7 percent increase in AP exams passed in math, science, and English, which is seven times the national average.

**About the College Board:** Founded in 1900, the New York-based College Board was created to expand access to higher education. Today, the membership association is made up of more than 5,900 of the world's leading educational institutions and is dedicated to promoting excellence and equity in education. Each year, the College Board helps more than seven million students prepare for a successful transition to college through programs and services in college readiness and college success — including the SAT<sup>®</sup> and the Advanced Placement Program<sup>®</sup>.

**About Exxon Mobil Corporation:** ExxonMobil, a founding sponsor of NMSI, supports a variety of educational programs targeted at improving student achievement in STEM subjects, helping foster students' interest in careers in the math and science fields, supporting professional development of highly qualified teachers, and promoting involvement of women and minorities in these subjects. In addition to the company's support of NMSI, ExxonMobil's hallmark programs include the Mickelson ExxonMobil Teachers Academy, Bernard Harris Summer Science Camp, The Sally Ride Science Academy, and Change the Equation.

For more information, contact Rena Pederson, NMSI Communications Director, at (214) 665-2523, or [rpederson@nationalmathandscience.org](mailto:rpederson@nationalmathandscience.org). For more information, visit [www.nationalmathandscience.org](http://www.nationalmathandscience.org).

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