



Advance
KENTUCKY

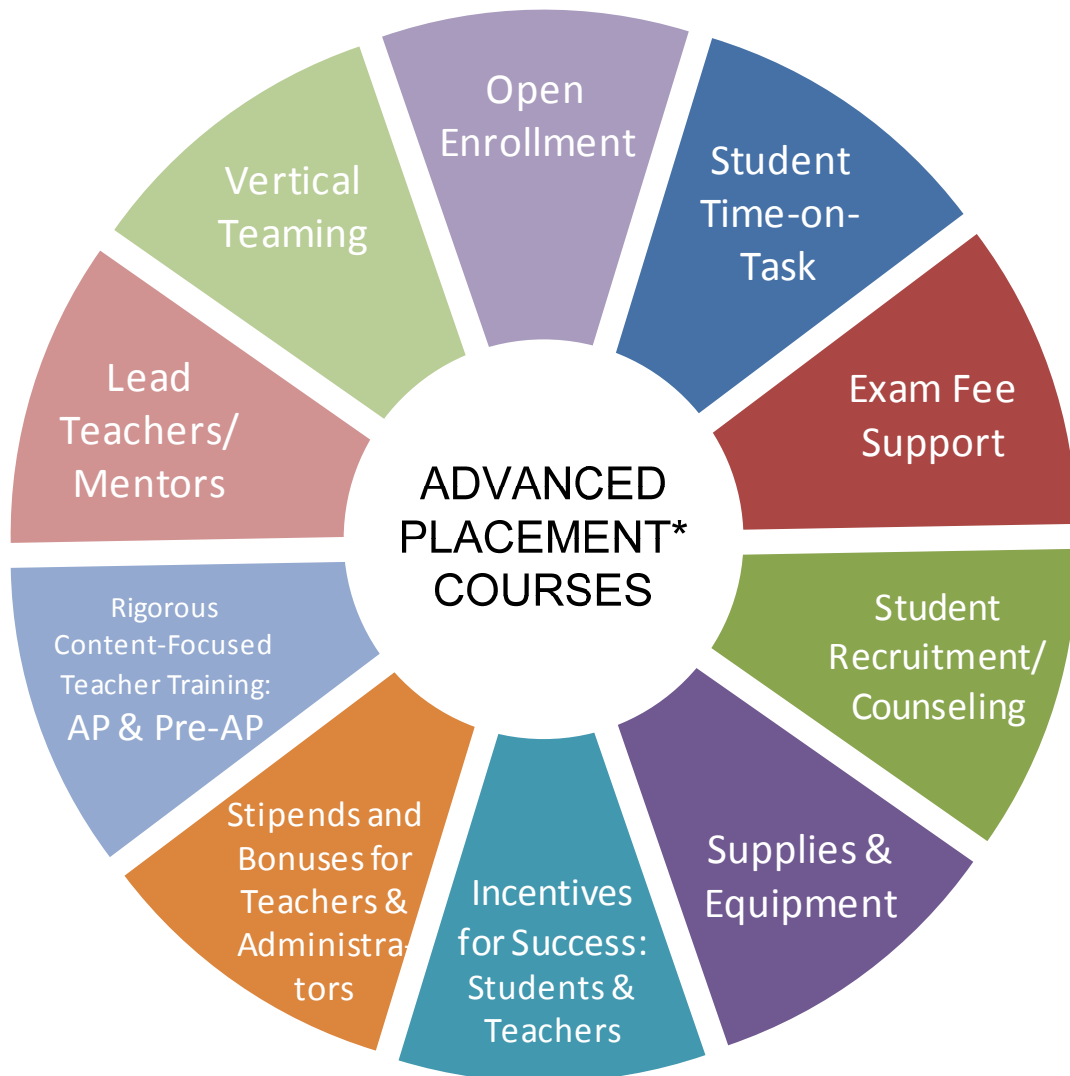
...accelerating achievement in math, science and English

AN INITIATIVE OF KENTUCKY SCIENCE & TECHNOLOGY CORPORATION

IN PARTNERSHIP WITH



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



nationalmathandscience.org
advanceky.com

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

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

FOR STUDENTS (annually)

- ▶ **AP* Courses in MSE:** AP college-level courses in math, science and English (MSE).
- ▶ **Open Enrollments:** A culture of inclusiveness and preparation for more students to enroll in and be successful in AP classes.
- ▶ **Student Time-on-Task:** Tutoring, 18 hrs of exam prep 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.
- ▶ **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)

- ▶ **Lead Teachers:** Master AP teachers mentor colleagues, guide vertical teams in their relevant subject matter on a path to academic achievement for AP students, conduct exam prep session for students, and more. (\$1,500 stipend per school served and \$500 stipend for each 6-hr student Prep Session delivered.)
- ▶ **Training:** for all AP & up to 5 Pre-AP teachers (at least one in each subject), 5-day summer institutes & other training during the academic year (for first two years and then every third year).
- ▶ **Vertical Teaming:** four meetings where high school and middle school teachers collaborate in the 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 targets for Qualifying Scores (by class and by school) triggers bonuses for AP teachers of \$1,000, \$2,000 or \$3,000 and \$3,000 for the designated school administrator if school-wide goal is met.
- ▶ **Equipment & Supplies:** up to \$5,000 for equipment and \$25 per student enrolled in eligible AP classes (1:1 school matching required).
- ▶ **Access to National NMSI and State AdvanceKY Networks**

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