



LAYING THE FOUNDATION

In 2011, the National Math and Science Initiative (NMSI) merged with teacher training organization Laying the Foundation (LTF). As a result of the merger, LTF became a division of NMSI, and a seamless system was established for preparing middle school and high school students to succeed in Pre-AP and AP* courses in the critical fields of math, science, and English.

LTF AT A GLANCE

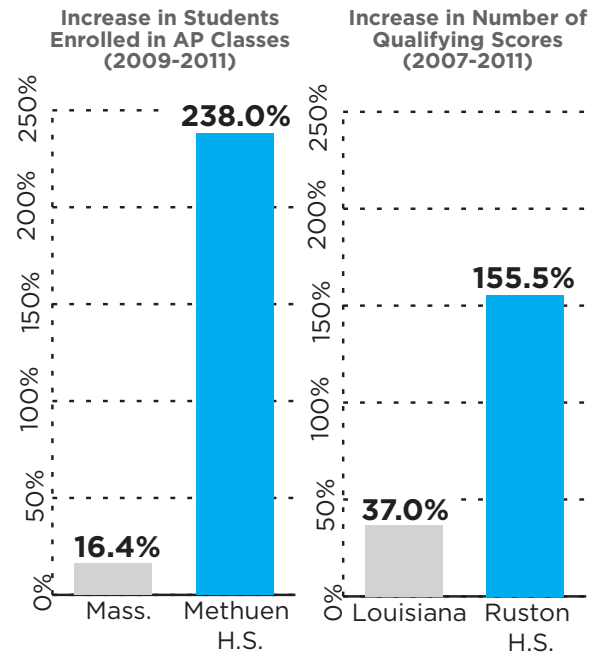
Student success begins with the teacher. LTF provides a comprehensive teacher training program, complete with instructional resources specifically designed to raise the level of instructional rigor. The goal of that enhanced teacher preparation is to increase the number of students equipped to succeed in AP courses, college, and the workforce. Although LTF Training targets AP as a college readiness standard, LTF teacher training and instructional resources are effective in changing the teaching paradigm and instructional practice of all teachers and opening the door for more students to engage successfully in AP or other college-level courses.

LTF PRODUCES RESULTS

LTF, which utilizes a blended learning model of professional development, has become the choice for many districts, states, and teachers across the country. Districts that use LTF for their training show an increase both in the number of students enrolling in Advanced Placement courses and in the number of students receiving qualifying scores in math, science, and English exams.

“I loved the hands-on strategies. I liked how we did some things in groups and we were involved. The sessions I have attended at LTF are so awesome. We don’t need anything else to get students interested in learning.”

–Math teacher,
Houston, TX



*Advanced Placement, AP, Pre-AP, and AP Vertical Teams are registered trademarks of the College Board.

LTF'S FORMULA FOR SUCCESS

The LTF Training program for math, science, and English teachers of grades six through twelve consists of six core components:

- + Interactive **teacher-to-teacher training** focused on both content and pedagogy
- + **Materials and resources** aligned to the Common Core State Standards
- + **Online mentoring** through the Professional Learning Community
- + **Administrator support**, including orientation workshops
- + Embedded and project-based **student assessments**, as well as online formative assessments and AP-style **pretests and posttests**
- + **Capacity building** within districts through the Train the Trainer model, AP Vertical Team materials, and curriculum integration
- + LTF is actively taking steps to expand its reach throughout the United States. Through training institutes, conferences, and work with partner organizations, LTF has impacted the lives of more than **36,000 teachers** from across the country, and that number is steadily increasing. To date, LTF has provided training in **22 states** and will continue to make its way into several others over the next few years.

“Using Laying the Foundation trainings and materials with our faculty at Ruston High School has been a transformative experience. Now, as Lincoln Parish Schools is committed to train all of our secondary math, science, and English teachers in the district, I expect that the next three years will be revitalizing for our teachers and our students. I believe in what LTF can do for students and for schools.”

–Julie Stephenson, 2011 Louisiana HS Teacher of the Year

