LTF











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 college and the workforce. Although

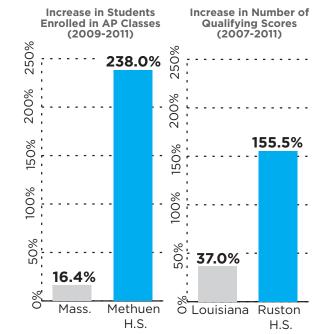
LTF Training targets AP as a college readiness standard, LTF teacher training and instructional resources are all aligned to the Common Core State Standards. LTF is effective in changing the teaching paradigm and instructional practice of all teachers and opening the door for more students to be college-ready.

LTF PRODUCES RESULTS

LTF utilizes a blended learning model of professional development that 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 12 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 forums
- 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

"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

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 18 states and is expanding rapidly into other locations.

