



NC-PIMS has three foci which help school districts increase mathematics student learning while simultaneously decreasing current achievement gaps:

District and School Leadership

Continuous education reform requires everyone working in partnership with each other to promote policies and district leadership that support high-quality mathematics instruction. With the establishment of District Leadership Teams in partner districts and the three Regional Leadership Teams, NC-PIMS brings school, university, and community leaders together to integrate the project within district reform efforts and to align their resources and activities to support student achievement in mathematics.

Teacher Professional Development

NC-PIMS provides professional development for teachers through a structured three-tiered system that involves project Facilitators, Lead Teachers, and all classroom teachers of mathematics in a participating partner district. NC-PIMS professional development supports mathematics content, curriculum leadership, and mathematical pedagogical content knowledge through structured courses and workshops. University faculty design and teach graduate-level courses for Lead Teachers. Lead Teachers receive training for the workshops they provide throughout the school year for their teacher-colleagues. Facilitators design the workshops and assist Lead Teachers during the school year and summer.

Student Encouragement/ Parental Involvement

Community-based programs target PK-8 students and their parents/guardians in each district to encourage students to remain engaged in mathematics learning. Student programs focus on mathematics performance and programs for parents/guardians encourage them to become advocates and active participants in their children's education.

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NC-PIMS works with eastern North Carolina school districts to increase mathematics achievement and to decrease current achievement gaps through:

- ✓ **District and School Leadership**
- ✓ **Teacher Professional Development**
- ✓ **Student Encouragement/ Parental Involvement**

Please visit us online:

<http://www.ncpims.org>



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North Carolina Partnership for Improving Mathematics and Science

NC-PIMS is a regional Mathematics and Science Partnership (MSP) initiative supported by the National Science Foundation and the US Department of Education that strives to improve the quality of PK-12 mathematics education in eastern North Carolina.

NC-PIMS is a joint effort among four partner institutions of The University of North Carolina System, the North Carolina Department of Public Instruction, and the North Carolina Mathematics and Science Education Network (NC-MSEN). NC-PIMS provides professional development for teachers; engages scientists, technologists, engineers and mathematicians (STEM professionals); supports District Leadership Teams; and delivers student encouragement and parental involvement activities. All of these efforts lead to improved mathematics achievement for all students and closure of achievement gaps between diverse groups of students.






Partner Institutions

The University of North Carolina-General Administration
 NC Department of Public Instruction
 NC Mathematics and Science Education Network
 East Carolina University
 Fayetteville State University
 UNC Pembroke
 UNC Wilmington
 NC Community College System

Participating School Districts

Brunswick County Schools
 Columbus County Schools
 Craven County Schools
 Cumberland County Schools
 Duplin County Schools
 Hoke County Schools
 Martin County Schools
 Onslow County Schools
 Pitt County Schools
 Wayne County Schools
 Weldon City Schools
 Wilson County Schools

NC-MSEN University Hub Regions

-  East Carolina University
-  Fayetteville State University
-  The University of North Carolina Wilmington

