

ACTIVITIES

NORTH CAROLINA MIDDLE MATHEMATICS PROJECT

SEPTEMBER 15, 2001 – MAY 31, 2002

The project is on schedule with the plan described in the proposal. We have accomplished the following major activities:

Recruitment of Leadership Teams

With the assistance of the Mathematics and Science Education Network center directors at the nine participating universities, we recruited leadership teams, including two middle school mathematics teachers and one school administrator, from each of the nine sites. This was accomplished as planned during the fall of 2001, although several changes have been necessary subsequently when persons originally selected found they were unable to participate. The roster of these teacher participants includes the following:

School administrators

Mary Lindsey	Mathematics Coordinator, Caldwell County Schools
Karen Vaughn	Math/Science Specialist, Pitt County Schools
Judy Musgrave	Curriculum Specialist, Cumberland County Schools
Gwen Williams	Assistant Principal, Asheboro Middle School, Asheboro
Sarah Lawrence	Middle Grades Mathematics Consultant, Wake County Schools
Grayling Williams	Middle School Mathematics Consultant, Durham Public Schools
Janet Jenkins	Middle School Math Coord., Charlotte-Mecklenburg Schools
Patricia Holden	Director of Instructional Services, Brunswick County Schools
Randy Harter	Mathematics Specialist, Buncombe County Schools

Lead teachers

Cindy Robinson	Happy Valley School, Patterson NC
Amanda McLean	William Lenoir Middle School, Lenoir NC
Robert Gildersleeve	Morehead City Middle School, Morehead City NC
Tisha Love	A.G. Cox Middle School, Winterville NC
Kimberley Bowden	Douglas Byrd Middle School, Fayetteville NC
Su Kang	Pine Forest Middle School, Fayetteville NC
Elizabeth Paetzold	Western Middle School, Elon NC
Karen Russell	Centennial Campus Middle School, Raleigh NC
Gemma Mojica	Zebulon GT Magnet Middle School, Zebulon NC
Amber Cline	Lowes Grove Middle School, Durham NC
Bob Lindquist	Carrington Middle School, Durham NC
Julie Felix	Kannapolis Middle School, Kannapolis NC
Curtis Kendrick	James Martin Middle School, Charlotte NC
Heather Yandle	Topsail Middle School, Hampstead NC
Elizabeth Murray	Williston Middle School, Wilmington NC
Peggy Rice	North Buncombe Middle School, Asheville NC

Nikki Costello	Clyde A. Erwin Middle School, Asheville NC
Doug McClure	Enka Middle School, Enka NC
Jan Sturgis	A.C. Reynolds Middle School, Asheville NC

Course Development Video Seminar

The faculty members and school administrators met for videoconferences each Friday afternoon, January through April, to begin the process of developing the project's three courses. Although the project design called for only a single faculty member to be supported at each university, we were very pleased to have the voluntary participation of three additional faculty colleagues through the series. The faculty participating were:

Ann Crawford	University of North Carolina at Wilmington
Paul Shotsberger	University of North Carolina at Wilmington
Ronald Preston	East Carolina University
Sid Rachlin	East Carolina University (co-PI)
Russ Rowlett	University of North Carolina at Chapel Hill (lead PI)
Hollylynne Stohl	North Carolina State University
Kwame Tuprah	Fayetteville State University
Patricia Shelton	North Carolina A&T State University
David Pugalee	University of North Carolina at Charlotte
Wanda Nabors	University of North Carolina at Charlotte
Betty Long	Appalachian State University
Nicholas Norgaard	Western Carolina University

Initial Project Meeting

An initial conference of all participants (PI's, faculty, school administrators, and lead teachers) was held in Chapel Hill February 28 through March 2, 2002. Among the major sessions were:

“Tools for Learning” (specific to each of the three courses), led by David Pugalee and David Royster, UNC Charlotte, and Susan Friel, UNC Chapel Hill

“Do Textbooks Matter?,” led by Barbara Reys of the Show Me Center, University of Missouri

“Developing Mathematics Modules for Preservice Middle School Mathematics Teachers,” led by Ira Papick, University of Missouri

“Teacher's Mathematics,” led by Zalman Usiskin, University of Chicago

“Mathematical Tasks as a Framework for Reflection,” led by Peg Smith, University of Pittsburgh

“NBPTS Certification – Early Adolescence/Mathematics,” led by Victoria Lunetta, Chapel Hill-Carrboro City Schools, and Fran Piscitelli, Wake County Public Schools (middle school teachers who received this certification last year)

Course Development Workshop

Faculty and school administrators met for a one week workshop in Chapel Hill May 13-17, 2002. Based on the videoconference discussions, they designed the syllabus and lesson plans for the project’s three courses. The 18 lead teachers will take these courses during the coming months before being offered to teachers statewide.

We were pleased again to have the participation of two “volunteer” faculty (Paul Shotsberger of UNC Wilmington and Wanda Nabors of UNC Charlotte) in this critically important workshop.

The three courses will be launched as follows:

“Data Analysis and Statistics,” June 10-20, 2002 at North Carolina State University in Raleigh; the instructors will be Hollylynne Stohl of NCSU, Kwame Tuprah of Fayetteville State, and Nicholas Norgaard of Western Carolina

“Geometry and Measurement,” July 15-25, 2002, in a Durham Public Schools staff development facility; the instructors will be Russ Rowlett of UNC Chapel Hill, Ann Crawford of UNC Wilmington, and Betty Long of Appalachian State

“Numbers and Algebra,” August 22-23; September 13-14; October 18-19; November 8-9; and December 6-7, 2002 at NC A & T University in Greensboro and UNC Charlotte; the instructors will be Ronald Preston of East Carolina, David Pugalee of UNC Charlotte, and Patricia Shelton of NCA&T State