What is the Math and Technology Leadership Academy?

• The Math and Technology Leadership Academy (MTLA) is a professional development initiative for elementary math teachers of grades 3-5 in the Bowling Green Independent Schools and Warren County Schools.
• MTLA is designed to improve student and teacher dispositions and beliefs, increase student learning, and increase family involvement in math and technology.
• The 3-year grant award encompasses 18 teachers—one chosen from each of the schools, taking three courses for nine credit hours, all expenses paid, with evening, weekend, or online seminars sprinkled throughout the duration of MTLA. The coursework is focused on a comprehensive math and technology approach that will improve teachers’ knowledge and instructional practices in math, technology, diversity, leadership, and assessment.
• The instructional modules that participants design throughout the coursework will be piloted and implemented at the Housing Authority of Bowling Green as well as at the participant’s school.
• In the second and third year of MTLA, participants will lead other teachers in professional development and implementation of the instructional modules in their schools.
• Mini-Grants will be available for administering and leading a math and technology initiative in your school.
• Faculty members from Western Kentucky University serve as directors and instructional leaders for MTLA.

How will teachers benefit?

• A $2000 stipend per participant upon completion of the grant award requirements
• Nine hours of graduate credit upon successful completion of the three courses
• Receive laptop computer the first year
• Strengthened math and technology knowledge and instructional practices in classroom settings
• Strengthened understanding and skill sets in leadership, assessment, and diversity to help implement change in the school culture
• An opportunity to work with the Housing Authority of Bowling Green and children to implement products designed in the coursework
• Collegial support through continued networking
• Access to math and technology resources, databases, and listservs

MTLA Core Concepts

• Theory and Research
• Equity and Diversity
• Providing Assistance to Struggling Learners
• Comprehension and Questioning Strategies
• Problem Solving in Mathematics
• Technology Integration
• Leadership Training
• Reading and Writing Connections
• Assessment to Inform Instruction
• Design and Management of Instruction
• Family Involvement
• Common Core Standards of Mathematics
• National Technology Standards
Who is eligible to apply?

MTLA is a highly selective program that seeks qualified, dedicated teachers of grades 3-5 in Bowling Green Independent City Schools and Warren County Schools. Up to 18 teachers will be selected, one from each school, based on the following criteria:

- Commitment to increasing student achievement in math and technology
- Principal’s support of the MTLA professional development initiative
- Willingness to accept leadership roles in the school or district
- Minimum of one year of teaching experience

How do I apply?

Applications and additional information will be available from your principal, Dr. Janet Lynne Tassell (janet.tassell@wku.edu), or Dr. Marge Maxwell (marge.maxwell@wku.edu).

Obtaining the recommendation of your principal is a part of the application process.

Calendar of First Year Events:

- April/May 2010: Information to Administrators and Invitations to Teachers
- May 21, 2010: Application Deadline
- June 8 and/or June 15: Scheduled 15-minute Interview of Applicants
- August 2010: Announcement of Applicants accepted for MTLA
- October 2010: Course 1 – Leadership, Math and Technology
- Spring 2011: Course 2 – Math and Technology Methods for Diverse Learners
- Summer 2011: Course 3 – Math and Technology Assessments, Interventions, and Success
Applications Due May 21, 2010

To complete the application:

Each applicant will write a personal statement (one to three pages) that includes the following:

- Why you want to participate in MTLA
- Your professional development/graduate experiences related to math and technology over the past three years
- A brief statement about professional books you have recently read
- How you involve the families of your students in math and technology
- Your leadership qualities and how you have asserted these in your school or ideas you have
- Your knowledge of how to use appropriate instructional techniques to support diverse learners in your classroom and school
- Your knowledge of how to appropriately assess students, interpret results, and inform instruction
- Any other useful information that would qualify you as a candidate for MTLA

Additional information:

- Ask your principal to complete the enclosed “Principal’s Recommendation for MTLA 2010-2013”
- If your school’s Comprehensive School Improvement Plan addresses math and technology, please include a copy of these specific pages with your application.

After May 21, the MTLA Directors will contact you to set up an interview time. When all interviews are completed, directors will notify applicants relative to the outcome of their applications. Thank you for your interest in the Math and Technology Leadership Academy. We look forward to receiving your application.

I agree to actively participate in the Math and Technology Leadership Academy and to fulfill the expectations of the project as described in the MTLA handout. This agreement includes a commitment to attend all sessions of the courses and seminars.

Signature: _____________________________ Date: ____________

MTLA Directors:

Dr. Janet Lynne Tassell – Mathematics Education  Dr. Marge Maxwell – Technology Education
Janet.tassell@wku.edu  Marge.maxwell@wku.edu
270-745-5306  270-745-2435
Application for the 2010 MTLA Academy

(One application should be completed for each individual applicant.)

Name: 
Grade Level(s): 
Years of Teaching Experience: 
Home Address: 
Home Phone: 
Alternate Number: 
E-mail Address (school): 
E-mail Address (home): 
School: 
School Address: 
School Telephone: 
FAX: 
Name of Principal: 

List any grants related to math or technology that you or your school have been awarded or involved in during the past 3 years:

Name of Grant/Training/Program Date
___________________________________________________________________________________
___________________________________________________________________________________
___________________________________________________________________________________

Return the application cover page, completed application, personal statement, principal’s recommendation, and copy of the Comprehensive School Improvement Plan pages (if applicable) to the MTLA Director.

Applications are due by May 21, 2010.

Mail to:
Dr. Janet Lynne Tassell
Western Kentucky University
1906 College Heights Blvd. #61030
Tate Page Hall 314
Bowling Green, KY 42101
Principal’s Recommendation for the Math and Technology Leadership Academy 2010-1013

Cover Page

Name of Applicant: _______________________________________________________

The Math and Technology Leadership Academy is a highly selective program. A total of 18 teachers will be selected to participate in MTLA. Applicants should be dedicated teachers who are committed to improving student achievement in math and technology. The MTLA Directors will contact you with the name of the teacher selected for your school. Please attach a letter of recommendation to this cover page that includes the following:

• Summary of your knowledge of the applicant’s commitment and expertise in teaching and specifically, the teaching of math and technology.
• Provide examples of how this applicant has potential as an instructional leader who works well as an active member of the learning community.
• Summary of other qualities or experience with: assessment, diversity, intervention, family involvement, etc.

Statement of Assurance:

I will honor the MTLA teacher’s commitment to participate in this grant.

Principal’s Signature: _______________________________________________________

School: ________________________________________________ Date: _________________