

What Our Clients Say...

"I have gained new information on how I will structure my discussions and assessments – one of the most informative staff development workshops I've had!"

– Elementary Teacher

"I come to the (Science Advisory Council) meetings to learn from other districts – it is so valuable to collaborate with other science coordinators."

– Science Advisory Council Member

"I presented to my school your presentation on problem solving and the staff loved it. Thanks you for such a wonderful professional development workshop!"

–Math Teacher Leader

"Thank you for sharing your talents with us today. I could tell by watching that even the 'die-hards' were getting it and were excited by your suggestions."

–School Administrator

"Very interactive – you kept us interested!"

– School Administrator

"I was not expecting the technology that you used in the workshop! It's great to see a 'modern' workshop!"

– Elementary Teacher

Bucks County Intermediate Unit

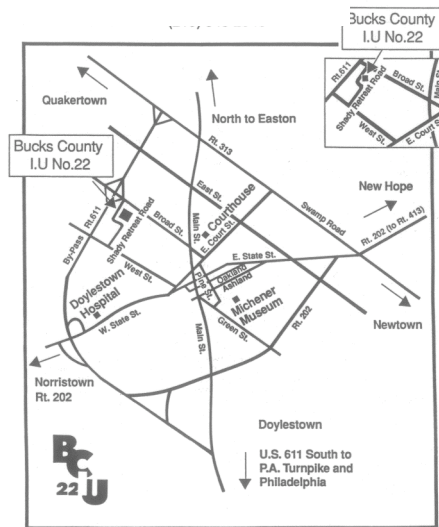
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The policy of the Intermediate Unit is to provide equal opportunity in all of its educational program, activities, and employment. In compliance with Title VI, Title IX, Section 504 and ADA, no person will be subject to discrimination on the basis of race, color, religious creed, national origin, sex, age, or disability.

If you would like to attend and require an accommodation to participate, you must contact the Bucks County Intermediate Unit at 215-348-2940, ext. 1421.

Bucks County Intermediate Unit



Math & Science Collaborative

As educational innovators, we ensure optimal growth of all learners by collaborating with our school districts and community to initiate, design, and deliver exemplary leadership, teaching and learning.

Lindsey R. Sides
Staff Development Coordinator

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History of the Collaborative

Since 1980, the school districts of Bucks County have voluntarily contributed a small portion of their Title II funds (approximately one and one-half percent) to the Intermediate Unit's Math/ Science Collaborative.

Funding in 2008-2009 provided for over twenty evening workshops and nine full-day professional learning experiences. Over 1,000 educators received professional development through the Collaborative! Collaborative funds provide for presenter fees, materials for participants, and a light lunch or dinner for each workshop. In return for contributing Title II funds to the Collaborative, all teachers in a school district are eligible to attend Collaborative workshops at no charge.

The Math and Science Advisory Councils guide the Math/ Science Collaborative, keeping the BCIU updated on district initiatives and professional development needs.

Advisory Council 2009-2010 Meeting Dates:

Math Council:	Science Council:
September 30, 2009	October 7, 2009
November 18, 2009	December 2, 2009
January 27, 2010	February 3, 2010
March 24, 2010	March 31, 2010
May 12, 2010	May 19, 2010

***All meetings are 3:00-5:00 PM at BCIU**

The Collaborative's Mission: to provide high quality math and science professional development for educators in participating districts and nonpublic schools in Bucks County.

2009-2010 *Tentative* Participating School Districts

Bensalem Township • Bristol Borough • Bristol Township • Centennial • Central Bucks • Council Rock • Morrisville • Neshaminy • New Hope – Solebury • Palisades • Pennridge • Pennsbury • Quakertown • Archdiocese of Philadelphia Schools in Bucks County • Eligible Nonpublic Schools of Bucks County

Teaching for Meaning

For the first time in the history of the Collaborative, a mathematics needs assessment was completed by all school districts in the county. This data provided valuable information regarding the needs of students and teachers in Bucks County. A small strategic planning committee convened to analyze the data and provided guidance regarding future professional development. This group adopted 'Teaching for Meaning' as the theme for the 2008-2009 and 2009-2010 school years that will underpin all professional development.

Workshops will continue to range in topic, in response to the needs of school districts and nonpublic schools, but all workshops will support our mission of *teaching for meaning*.

2009-2010 *Tentative* Featured Professional Development:
August 25, October 27, February 9, June 23: *Developing Mathematical Ideas: All About Operations!* (with Daniel Vorhis and Lindsey Sides)

October 5, 2009:
Ignite Student Engagement and Learning with RAD Teaching in Math and Science (Judy Willis)

January 12, 2010:
Differentiating Math Instruction (Susan O'Connell)

Accessible Mathematics: Strategies to Improve K-12 Student Achievement (Steven Leinwand- Date T.B.D.)

Comprehending Math: Adapting Reading Strategies to Teach Math, K-6 (Arthur Hyde – Date T.B.D.)

Other Notable Topics:
Differentiated Instruction • PSSA • Podcasting • Photostory • Integrating Math, Science, Technology • Technology to Support Instruction • StarLab • Problem Solving • Inquiry • Online Simulations in Math and Science • The Writer's Notebook • Science Notebooks

