



...Sustaining professional development  
through Web-based learning communities.

*iDiscovery* creates Web-based learning communities that support Ohio mathematics and science professionals as they implement systemic reform-based curricula. Each workshop is locally modified to address the specific professional development focus of the local community.

Our core beliefs are:

- ◆ Professional development experiences should focus on enhancing knowledge of mathematics and science;
- ◆ Standards-based science and mathematics curricula should form the basis for professional development;
- ◆ Professional development experiences should be linked to implementing local curricular frameworks that are aligned to Ohio and national standards;
- ◆ Professional development strategies should model inquiry, problem-solving, and cooperative grouping;
- ◆ Successful professional development experiences must be sustained over an extended period of time and into the school year during the critical implementation phase.

Our program is designed to be a follow-on experience for math and/or science face-to-face PD institutes, or to assist schools, districts, ESCs, and other organizations in their efforts to implement research-based science and mathematics curricula and instruction. Our courses provide an opportunity for teachers to participate in an asynchronous professional dialogue in response to a series of locally customized assignments to address the specific focus of the group.

The premise is simple and supported by research: Teachers who engage in supportive professional conversation with others attempting to implement the same mathematics or science pedagogy are far more likely to follow through with that implementation.

Please visit our site, <http://www.idiscovery.org>. Each of the headings in the left menu is a link to information about *iDiscovery*. This will provide you with considerable detail about our program.

*"The iDiscovery course was a complete surprise to me.... In fourteen years of teaching, this has been the most interaction I have ever had with peers in the teaching profession."*

*iDiscovery* Participant and High School Teacher  
South Point Local School District, Lawrence County

*"I knew that I would gain content knowledge in participating in this class; however, I had an unexpected benefit: I fell in love with researching, developing, and teaching science to my students. The support of other teachers was just what I needed to keep going. When I had "half" an idea, the rest of you helped fill in the gaps. Without your feedback, I may have stalled in my efforts."*

*iDiscovery* Participant and Elementary Teacher  
Milford Exempted Village School District, Clermont County