

# Problem-based Instruction and Technology Integration

ISTE Conference

June 28, 2010



## ABOUT THE PROJECT:

This five-year project was originally funded by Enhancing Education Through Technology, The Pinal County ITv Partnership. Currently in its third year, the project uses videoconferencing for teacher professional development and student collaboration and instruction. Teams of seventh and eighth grade students and their teachers work to solve a complex community problem. Subjects including English, Social Studies, Science, Math, the Arts, Physical Education and Technology are used in real-world context. Students are required to present their findings and solutions to the community each year.

The Center for Interactive Learning and Collaboration (CILC) has provided teacher professional development through its Vistas project. Interdisciplinary teacher teams trained intensively for 30 hours at the beginning of the project and meet monthly with their trainer, Bev Mattocks, throughout the school year.

## RAY BEE PROJECT:

Ray Unified School District is located in Kreamy, Arizona, a mountainous, copper mining area. This remote location is a two hour drive from Phoenix, Arizona, the closest urban center. The Vistas Team teachers videoconference with CILC in Indiana for their professional development. For the next two years, 7<sup>th</sup> and 8<sup>th</sup> grade students and their teachers will be studying the impact of bees on the local and state economy and working to find solutions to help keep local bee populations strong.



The Ray USD Vistas Teacher Team:

Esmeralda Guzman, Peer Coach Facilitator

Jennifer Cude, Peer Coach

Christne Burges, Peer Coach

Ramon Rubalcaba, Peer Coach

Peggy Rubalcaba, Peer Coach

For more information contact Esmeralda Guzman, Ray USD Peer Coach Facilitator.  
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**CENTER FOR INTERACTIVE LERANING AND COLLABORATION (CILC):**

For more information on the Vistas Project contact Bev Mattocks, [bmattocks@cilc.org](mailto:bmattocks@cilc.org).  
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<http://www.cilc.org/>

<http://www.cilc.org/pdfs/CILC.final.pdf>

**PINAL COUNTY INTERACTIVE TELEVISION CONSORTIUM:**

For more information about the Pinal County ITv Partnership, an EETT Discretionary Grant, contact Jill Dingman, [jill.dingman@centralaz.edu](mailto:jill.dingman@centralaz.edu).

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