PBIS CyberPD Project

Collaborative Research Project

Overcoming Obstacles to Scaling-Up with a Cyberlearning Professional Development Model

It's About Time

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Innovative, research-based curricula require significant changes in teaching practices. Once adopted, the implementations of these programs often struggle due to the lack of sustainable and cost-effective face-to-face professional development.

The goal of this project is to design and study scalable, affordable, flexible, "educative," and effective cyberlearning tools supporting districts and teachers adopting and implementing research-based curricula.

We chose *Project-Based Inquiry Science (PBIS),* an NSF funded middle school science curriculum that we publish, in which to wrap this project around.
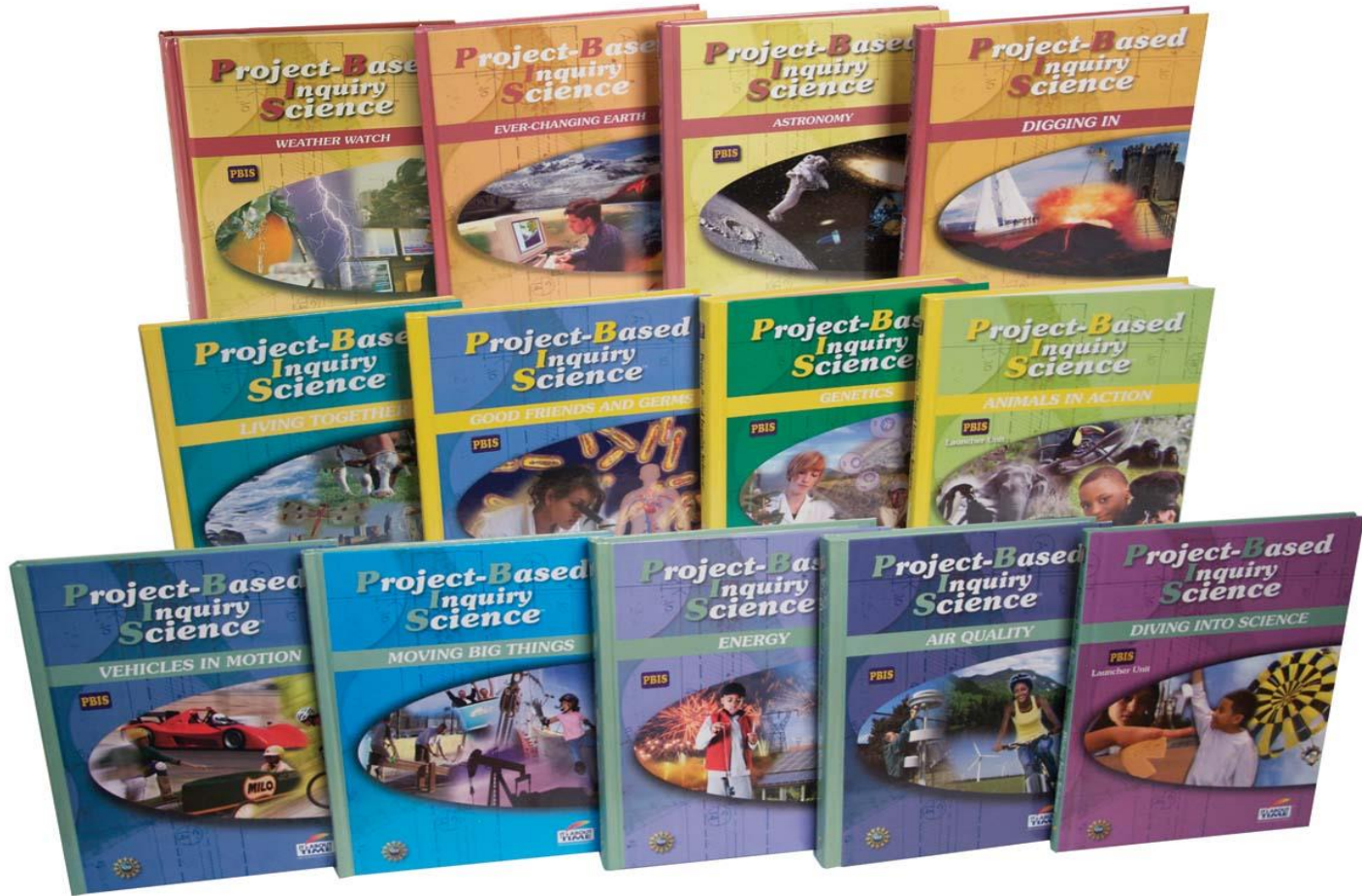
Outcomes to date

- An ***integrated suite of cyberlearning tools***

- ***Preliminary data*** on the usability and utility of the cyberlearning suite from two different sources of feedback and research

- A replicable online process – a ***scenario guided design evaluation lead by UC and UCAR***

- Instruments and protocols for conducting ***implementation studies*** of the tools lead by WestED

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ITERATIVE PROJECT DESIGN

	Stage 1	Stage 2	Stage 3	Stage 4
Cyberlearning Tool Suite	Assets	Assets Site v1.0	Assets Site v2.0 Getting Started v1.0	Assets Site v3.0 Getting Started v2.0 Planning Guide 2.0
Teacher Participants	Design Advisors (11)	Design Advisors (10) One Field Site (11)	Design Advisors (10) Three Field Sites (17)	Design Advisors (10) ??? Field Sites (XX)
Research Methods	Scenario guided design evaluation Needs surveys	Scenario-guided design evaluation Implementation study	Scenario-guided design evaluation Implementation studies	Scenario-guided design evaluation Implementation studies

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The CyberPD suite of tools

- **Preparation**

Pedagogical, content, and planning assets to help teachers prepare to teach the curriculum

- **Just-in-Time Support**

Student-page specific support assets that teachers can access anytime and anywhere as needed during their actual teaching

- **Reflection**

Journaling capability and questions that encourage teachers to reflect on their classroom practices in order to make improvement

- **Professional Learning Community**

Opportunities for teachers to communicate and share with each other and with the Project Team on an ongoing basis