



Monitoring: Observing Lessons

- Project team members have observed 10 lessons using an observation protocol to:
- Observe how teachers are using technology
- Provide support prior to and during lesson
- Provide constructive feedback after lesson

Monitoring: Observing Lessons





Monitoring: Post-lesson Conferencing

Project team members meet with preservice teachers and inservice teachers after the taught lesson to:

- Gain teachers' perspectives on their use of technology in the lesson
- Offer constructive feedback

Monitoring: Post-lesson Conferencing



Monitoring: Post-lesson Conferencing





Monitoring: Interviewing Classroom Students

Project team members talk with students in the taught classes after the lesson to obtain students' perspectives

- <http://www.youtube.com/watch?v=r4ho26iNngg>



Monitoring: Disseminating and Receiving Information

- Project team members presented information about work at the:
- HP Summit in New Delhi, India, March 2011
- 2nd International Conference on Education at Kenyatta University, Kenya, July 2011

Monitoring: Disseminating and Receiving Information



Monitoring: Disseminating and Receiving Information



Challenges *and* Successes



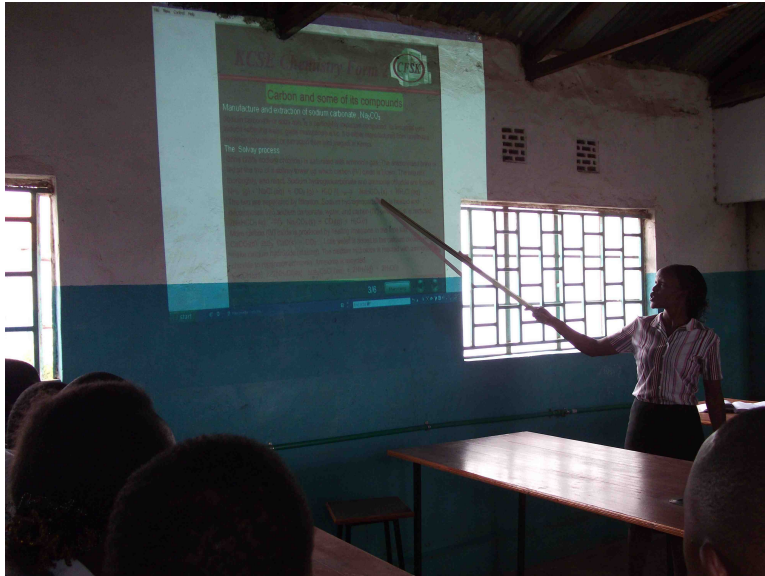
- Not enough technology equipment is always available at Kenyatta University

Challenges and Successes



- Not enough technology equipment at schools

Challenges and Successes



- Inadequate facilities in schools



Challenges and Successes

- Teaching with technology despite lack of electricity
- Teachers who have not used technology in the past are using it in their teaching
- Teacher demonstration using LCD when equipment is limited
- Engaging students in peer teaching

Looking Ahead: Facilities





Looking Ahead: Planning for Year 2

1. Obtain feedback from preservice teachers and inservice teachers
2. Use what we learned in Year 1 to plan for Year 2
3. Use Virtual Rooms with teachers



Looking Ahead: Planning for Year 2

4. Plan workshops for Year 2
5. Use graphing calculators and probes when they arrive
6. Have more engagement with policy makers and STEM educational leaders