Teaching Excellence Center Technology Mini-Workshop Clickers, SMART Boards &Wikis

Teaching Excellence Center

- Website: http://www.prin.edu/teachingexcellence
- See upcoming events
- Sign up for conferences, workshops and learning communities
- Browse through resources books, handouts, etc.
- Learn about Friday Lunch Topics

Today's Goals

- Clickers
 - Learn how they work
 - Ways to use them in class
- SMART Boards
 - What is a SMART Board?
 - What can I do with it?
 - How can I use it in class?
- Wikis
 - What is a wiki?
 - How does a wiki work?
 - How can I use them in class?
 - How to create your own wiki

iClicker Hardware

Receiver Clickers





iClicker Software

iClicker

- Assigns clickers to specific students
- Starts/stops polling time
- Shows/hides results graph
- Imports roster information from Blackboard
- Has settings for instructor remote, receiver channel, etc.

iGrader

- Records all session information
- Records screenshot of questions
- Edit questions and assign correct answers
- Generates reports
- Exports results to Blackboard grade book or Excel sheet

Demo

Question: What is a Wiki?

- A. A place on the web to write my thoughts
- B. A place on the web to collaborate with others
- C. A place on the web to put all my course content
- D. A delicious tropical drink
- E. All of the above

Question: I have used a SMART Board in the past?

- A. Yes
- B. No

Question:

Which of these events happened on September 30th?

- A. Seoul, South Korea is selected to host 1988 Summer Olympics
- B. Mel Gray begins NFL streak of 121 consecutive game receptions
- C. Louise Ritter, U.S., jumps 6'8" to win Olympic gold medal
- D. MS DOS 6.2 is released
- E. All of the above

Assessment with Clickers

- iClicker allows instructors to assign a clicker to a student for easy tracking
- iClicker allows you to import your Blackboard roster for easy clicker assignment
- iClicker can export collected session into Blackboard grade book format
- Blackboard is NOT necessary to use iClicker. Your rosters can be created manually and results can be exported to Excel

How else can you use clickers in your classroom?

What is a SMART Board?

• SMART Boards are interactive boards that allow you to control your computer with the touch of your hand

What else can I do with a SMART Board?

- You can annotate on top of any projected image from your computer
- Together with MS Office you can use the board to manually write notes, numbers or annotate slides

But what else?

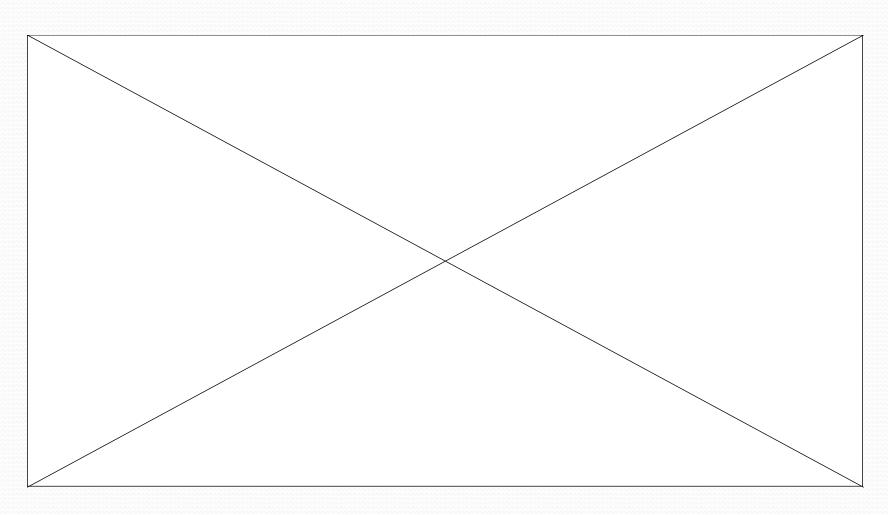
SMART Notebook Software

SMART Technologies bundles the Notebook software with all boards

- Notebook allows instructors to:
 - Release the full potential and interactivity of the board
 - Use board as White board
 - Use Notebook's Lesson Activity toolkit to create games and interactive lessons
 - Use Notebook's Media library to add interactive graphical objects to engage students

Demo

What is a Wiki?



http://www.youtube.com/watch?v=-dnLooTdmLY

How do I create a Wiki?

- Visit one of the following sites:
 - Google Docs: http://docs.google.com
 - PBWorks: http://www.pbworks.com
 - WikiSpaces: http://wikispaces.com

Google Docs

- Allows you to use the wiki collaboration features on documents, spreadsheets and presentations
- Allows you to upload Word, Excel or PowerPoint presentation to collaborate with others
- All docs can be exported out of Google docs and back into Word, Excel and PowerPoint

Demo

How do I know these tools are valuable?

- Arthur Chickering and Zelda Gamson
 - The American Association of Higher Education (1987)
 - 7 Principles for Good Practice in Undergraduate Education
 - Are the standard to which we evaluate academic technology.

SEVEN PRINCIPLES FOR GOOD PRACTICE IN UNDERGRADUATE EDUCATION

- 1. Encourages contact between students and faculty
- 2. Develops reciprocity and cooperation among students
- 3. Encourages active learning
- 4. Gives prompt feedback
- 5. Emphasizes time on task
- 6. Communicates high expectations
- 7. Respects diverse talents and ways of learning