Interactive Whiteboard in Instruction

Academic Excellence Workshop Series

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Traditional Instruction

- Chalk-Board
- Electronic Board
- Additional Features
  - 1
  - 2
  - 3
  - 4

Interactive whiteboards

* Touch panel/screen
* Save every single slide – helps go back and forth – available all the time (BlackBoard)
* Run PowerPoint
* Import Images, animations,
* Check spelling

Various Interactive Whiteboards

* 3M
* eBeam*
* Hitachi
* Ibid
* Miracle
* Mimio*
* NEC
* Numonics
* Panasonic
* PLUS Point Tech
* Polyvision
* Qomo
* Quartet*
* Smart Tech
* Team Board

* *Portable

*Evolution of Interactive White Board

*Integrated Unit

*Sympodium by Smart Technologies

*Other Setup

* Download the application software “notebook” from www.smarttechnologies.com

* SMART Board by Smart Technologies

Smart Notebook 11 Features

- Used with Interactive White Board
- Proprietary Application
- Used for Lessons and Presentations
- Go back and forth among pages which are Editable
- Upgradeable to include Mathtools, 3D Tools, Document Camera, Response Assessment Tool

Features…contd.

- Works on touch technology
- A double-click on the icon will activate the application on the computer and if connected to the interactive whiteboard, it will interact
- Pressing all buttons on the unit at the same time will allow alignment
- The unit interface contains interactive tool bar and page area
- File can be saved in notebook format
- File can be exported to a variety of formats: Webpage, picture, PDF, and PowerPoint

Features … contd.

- Saving in notebook format preserves the animations whereas exported files in other formats do not preserve animations
- Print presentations as thumbnails/ full page/ handout or attach to e-mail
- The interface consists of following components: Drop Down Menu – Toolbar– Tabs and Page Area
- Drop Down Menu: File, Edit, View, Insert, Format, Draw and Help

Notebook Components

- Toolbar:
  - Action Panels – include buttons to make changes to the notebook
  - Tools panel - help create and work with Objects
  - Contextual Panel – Additional buttons based on the tool selected under tools panel

  Two special icons: (i) Customizing the tool panel and (ii) Arrow: move tool bar from top to bottom or otherwise

* Creating and working with basic objects: shapes, straight line, arcs, texts and tables
* Pen selection
  * Freehand writing
  * crayon
  * Creative pen
  * Magic Pen
  * Shape Pen
  * Highlighter
  * Predefined shapes

*Pens

Other Features

- Writing and erasing/deleting
- Objects: Lock, rotate, flip, add links, add sound or animations (dp graph/ youtube – keepvid for flv format)
- Page Sorter Tab: Rearrange pages, move objects from one page to other, group pages
- View transparent background
- Guides for active objects for alignment
- Shading tool

Other Features … contd.

- Import power point presentations
- Screen Shade Button
- Screen Capture Button
- Link
- Other tools on the toolbar – table, ruler, etc.

Other Features … contd.

* Clock or dice under the gallery tab
* Ready Attachments
* Integration with other products

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*Questions and comments