DEPARTMENT OF
INSTRUCTIONAL
TECHNOLOGY

A single laptop that's connected to other technologies
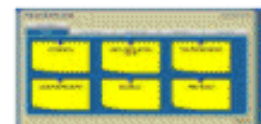
An interactive whiteboard, panel and/or tablet solution

An LCD projector
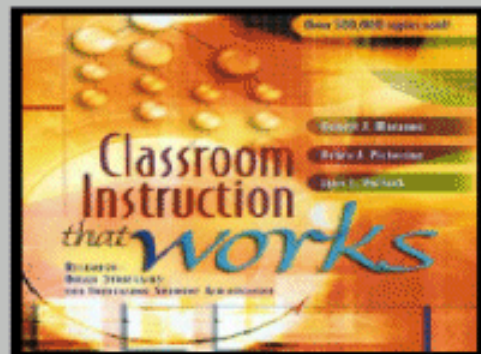
Identifying Similarities and Differences

Using Cues, Questions and Advance Organizers

Summarizing and Note Taking

Generating and Testing Hypotheses

Classroom Instruction that works

Reinforcing Effort and Providing Recognition

A document camera

A classroom amplification system

Using Cooperative Learning

Using Homework and Practice

Setting Objectives and Providing Feedback

Using Nonlinguistic Representations

A way to publish information on the Internet

A wireless response system

Laptop

- Hardware
  - Faster Processor
  - Buttons
  - AV Mute
  - Power
  - Volume: Down, up, mute
  - Wifi
  - CD –RW, DVD-ROM

- Software
  - Multimedia
  - Visualizer

Projector

Buttons
- Power on/off
- Source Search
- Sleep Mode

- Filter (clean monthly)
  - Pull it
  - Clean it

- Lights
  - Temp gauge

- Image Control
  - Manual Focus
  - Keystone
  - Adjusting Legs

- Wide Screen

Visualizer Setup

- Connect Visualizer to projector
  - Benefit:
    - can be done w/o computer
- Connect Visualizer to desktop/laptop
  - Benefits:
    - Can utilize software
    - Can operate from computer while simultaneously running other applications

Visualizer

vga: in from laptop
power cord
vga: out to visualizer
usb: in from laptop
SPC300

- Visualizer
  - Plug in Power cord
  - USB: from "usb" to laptop
  - VGA: into "RGB Input" from laptop
  - VGA: from "RGB Output" to projector
- Projector
  - Plug in Power cord
  - Fn & F8 on laptop

Visualizer Hard Buttons

- Left Side
  - Power
  - Camera
  - Playback
  - Source
  - Menu
  - Lamp
  - Capture

- Right Side
  - Freeze
  - AF (Auto Focus)
  - Rotate
  - AWB (Auto-White Balance)
  - Brightness

Visualizer Software

- Soft Buttons (on computer)
  - DocCam Settings:
    - Freeze, Rotate, Mirror, & Effect
  - Annotation
    - Text, Line, Free-hand Drawing, Erase & Shapes
  - Video Recording & Playback
  - Playback captured Image
  - Image Capture
  - Minimize, Fullscreen, esc

The Remote!!!

Other features on remote?

- Pointer

- Box/Zoom

- Shade

- Visor

- Split Screen

Contact Information

- Christopher EarthTree
- Instructional Technology Coach
  - Aurora Public Schools
  - Educational Services Center, Building 1
  - 15701 E. 1st Avenue - Suite 113
  - Aurora, CO 80011-9023

  - cjearthtree@aps.k12.co.us
  - (303) 340-0854 X28476 (Office)
  - (720) 252-7163 (Mobile)
  - www.earthtree.org