

KIDS ARE CHANGING,
TECHNOLOGY IS CHANGING,
HAS YOUR FURNITURE
CHANGED?

NSSEA
November 18, 2010

Glenn Meeks
gmeeks@meeksgeeks.com

SETTING THE TONE

MARK PRENSKY



PRENSKY'S TWO TYPES OF PEOPLE

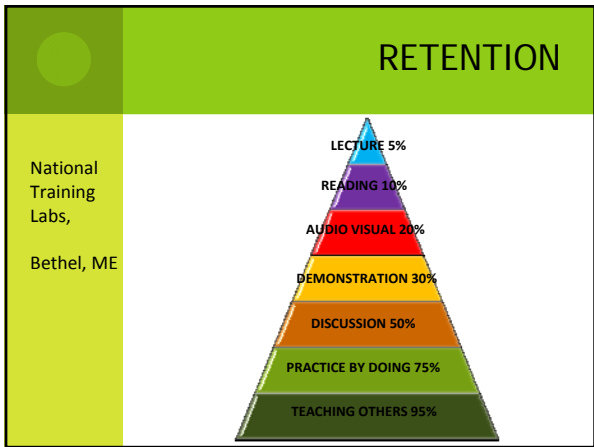
DIGITAL IMMIGRANT

- SOMEONE WHO REMEMBERS A TIME WHEN THERE WAS NO TECHNOLOGY

DIGITAL NATIVE

- SOMEONE WHO CANNOT REMEMBER A TIME WITHOUT TECHNOLOGY

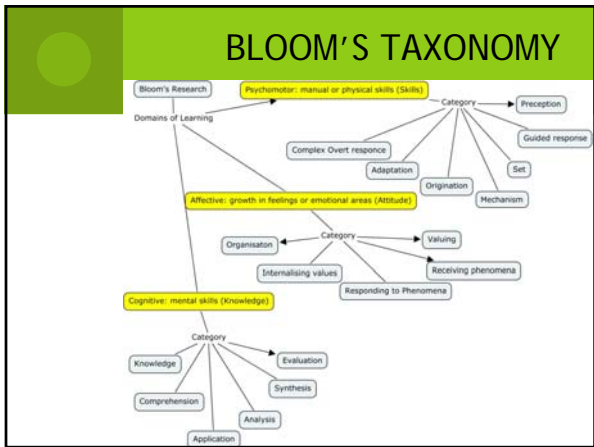
CURRENT RESEARCH ON LEARNING RETENTION

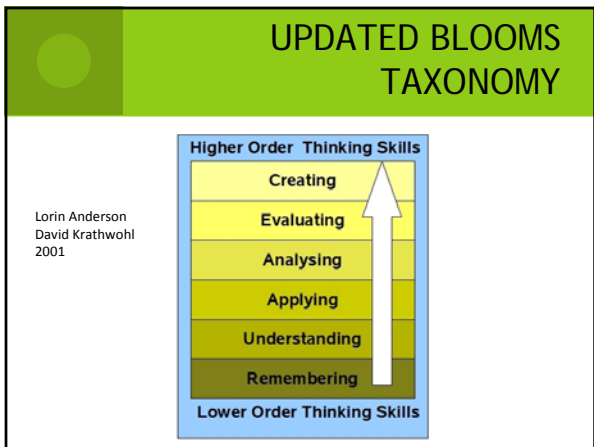


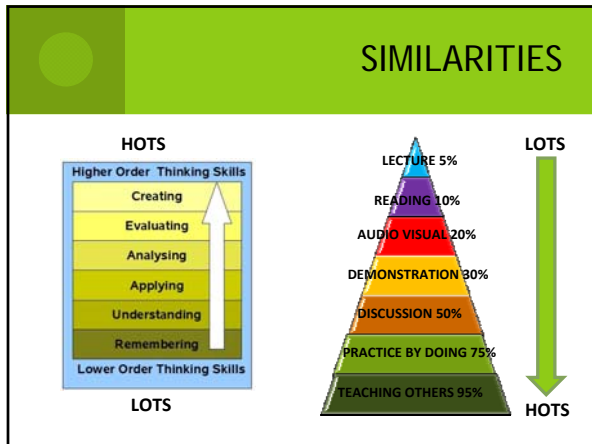
DISCUSSION QUESTIONS

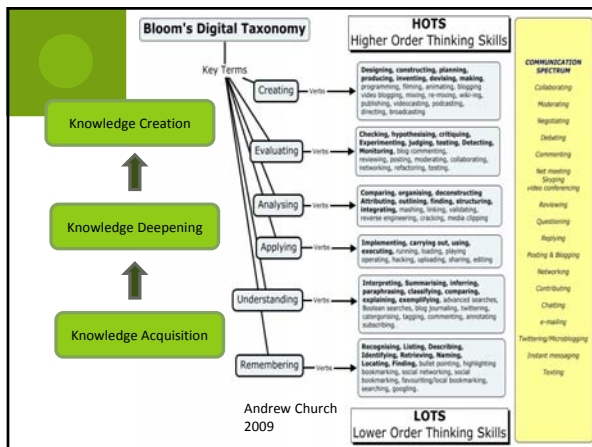
- Faculty Are Most Comfortable With What Delivery Styles?
- Most Of Your Spaces Support Which Delivery Styles?
- What Are Your "Classrooms Of The Future" Based On?
- Where Do We Go From Here?

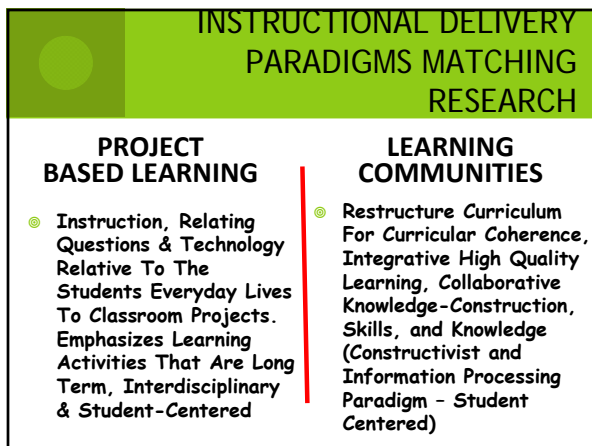
CURRICULUM PARADIGM











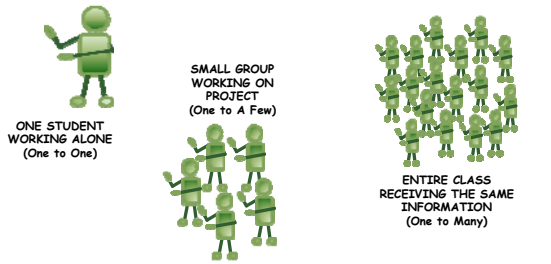
PRENSKY'S PURPOSE OF TECHNOLOGY

◎ **The Role Of Technology In The Classroom Is To Support The New Teaching Paradigm**

Students Teaching Themselves - Teacher As Guide By The Side

DELIVERY PARADIGM IMPACTS CLASSROOM DESIGN & FURNITURE

REQUIRES THREE TYPES OF SPACES




ONE STUDENT WORKING ALONE (One to One)

SMALL GROUP WORKING ON PROJECT (One to A Few)


ENTIRE CLASS RECEIVING THE SAME INFORMATION (One to Many)

EVERY STUDENT HAS ELECTRONIC DEVICE


NETBOOK



iPAD




ANDROID TABLET



WLAN

Student Device Is Wireless



Runs On Battery

Browser Based Running
Google Docs or MS Web Docs

- Word Processing
- Spreadsheet
- Graphics/Drawing
- Presentations

STUDENTS NEED DESKS AND CHAIRS





CLASSROOM NEEDS POWER AND FLAT SPACE FOR



NETBOOK MULTI-BAY
BATTERY CHARGER
(Purchase One Extra Battery
For Each Netbook)



MULTI-OUTLET USB POWER
CAHRGING STATION

STUDENT ACCESS TO MORE POWERFUL COMPUTERS

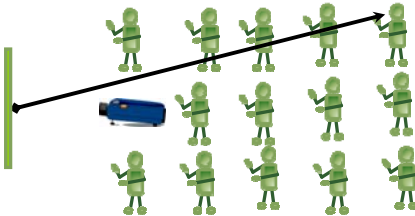


- Computer With Video Accelerator Card Running Windows
- Hardwire Connection to LAN
 - Graphics Intense Software (AutoCAD, Photoshop)
 - Audio/Video Editing Software

DELIVERY PARADIGM IMPACTS VIDEO PRESENTATION TOOLS (ONE TO MANY)

WHY PROJECTORS?

Students Sit In Rows of Tablet Armchairs or Desks
Height of Image Must Be 1/6 Distance To Farthest Viewer
If Distance = 24Ft = 4 Ft Tall Image = Only A Projector



IF STUDENTS MOVE THEIR CHAIRS CLOSER TO IMAGE



Image Can Be An LCD Panel On Mobile Stand

WHAT ABOUT INTERACTIVE WHITE BOARDS?



REPLACED WITH



Interactive Wireless Tablet



Something Like Kinect Mounted On LCD Panel



Mimio Installed On Existing Whiteboard



Interactive Projector

TEACHERS NEED MOBILE STATIONS



Wireless Keyboard Allows Students To Access Their Content Without Actually Touching Teacher Computer



	COMMENTS, QUESTIONS (ATTEMPTED ANSWERS)
