

# SAFARI Montage

**Complete, Impactful, Deliberate  
Learning**

PROBLEM

5

**Overwhelmed teachers struggle to impact diverse students, in dynamic environments, with varying backgrounds... with outdated tools and a single perspective**



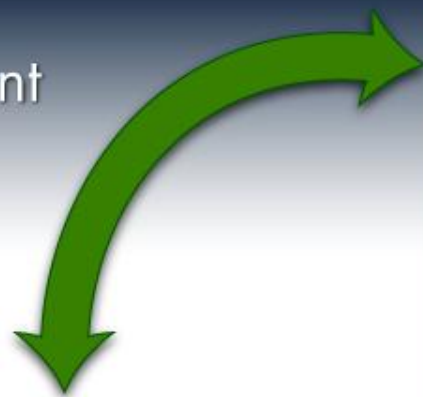
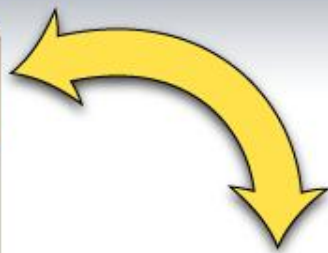


# **CPS Restructured the Learning Circle With Integrated Tools**

# Course/Instructional Management

**District System Integration**

- LMS
- SIS Student Information Systems
- SAFE SYSTEM
- Video Conferencing
- Cable TV Digital Delivery



## DIGITAL CURRICULUM PRESENTER™



TEACHER & STUDENT INTERFACE



### CONTENT MANAGEMENT



**Classroom Technology Integration**

- Interactive Whiteboard
- Student Response System
- Audio Enhancement
- Document and Web Cameras
- Teacher's PC
- Projector
- Mobile Devices

Educational Media Player  
Spanish Language & Closed-Captioning Support



### Digital Media

Videos (150)	Images (57)	Audio (5)	Flipcharts (15)
Interactive (3)	Documents (12)	Web (4)	eBook (4)

Formative Assessment

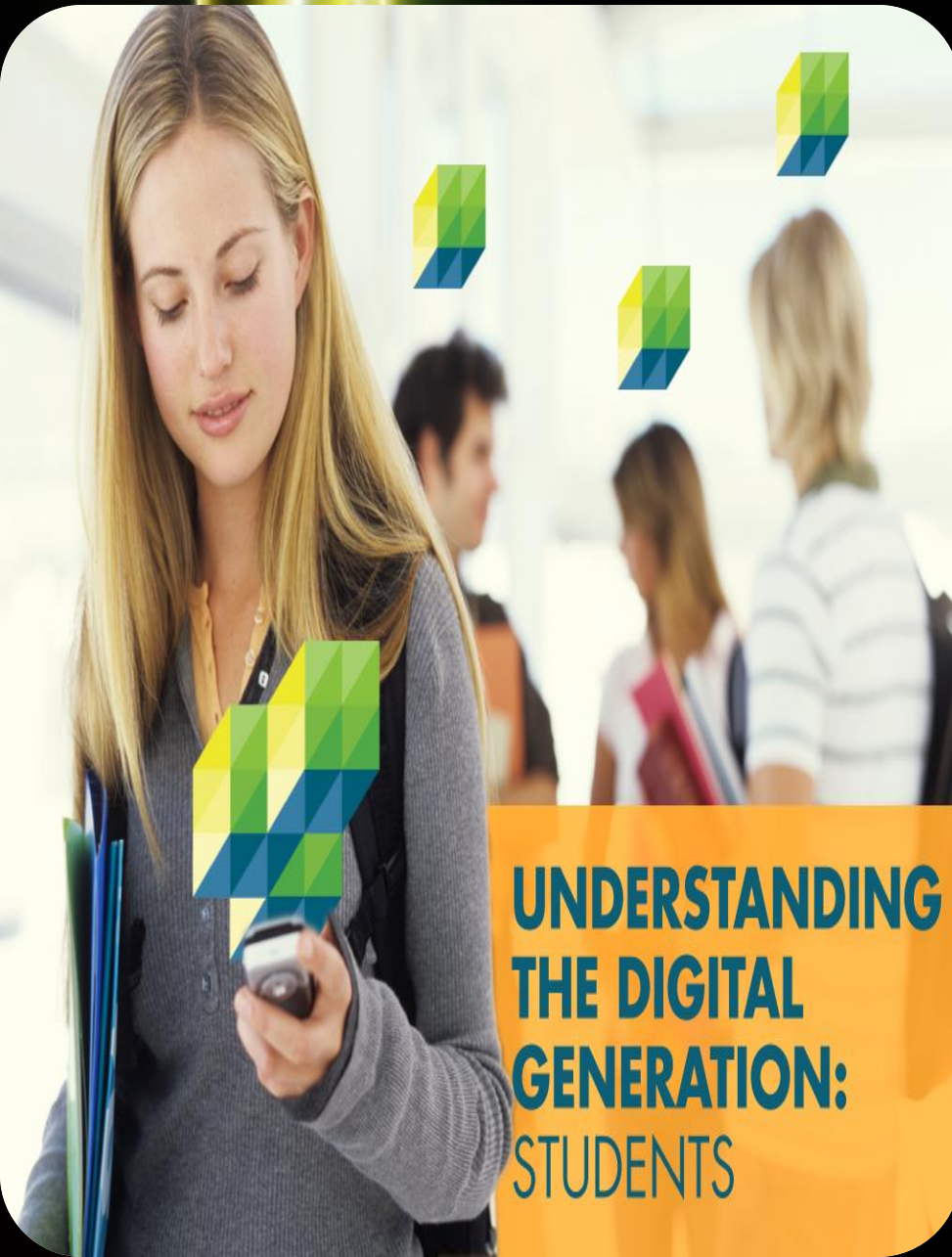


Homework

Web



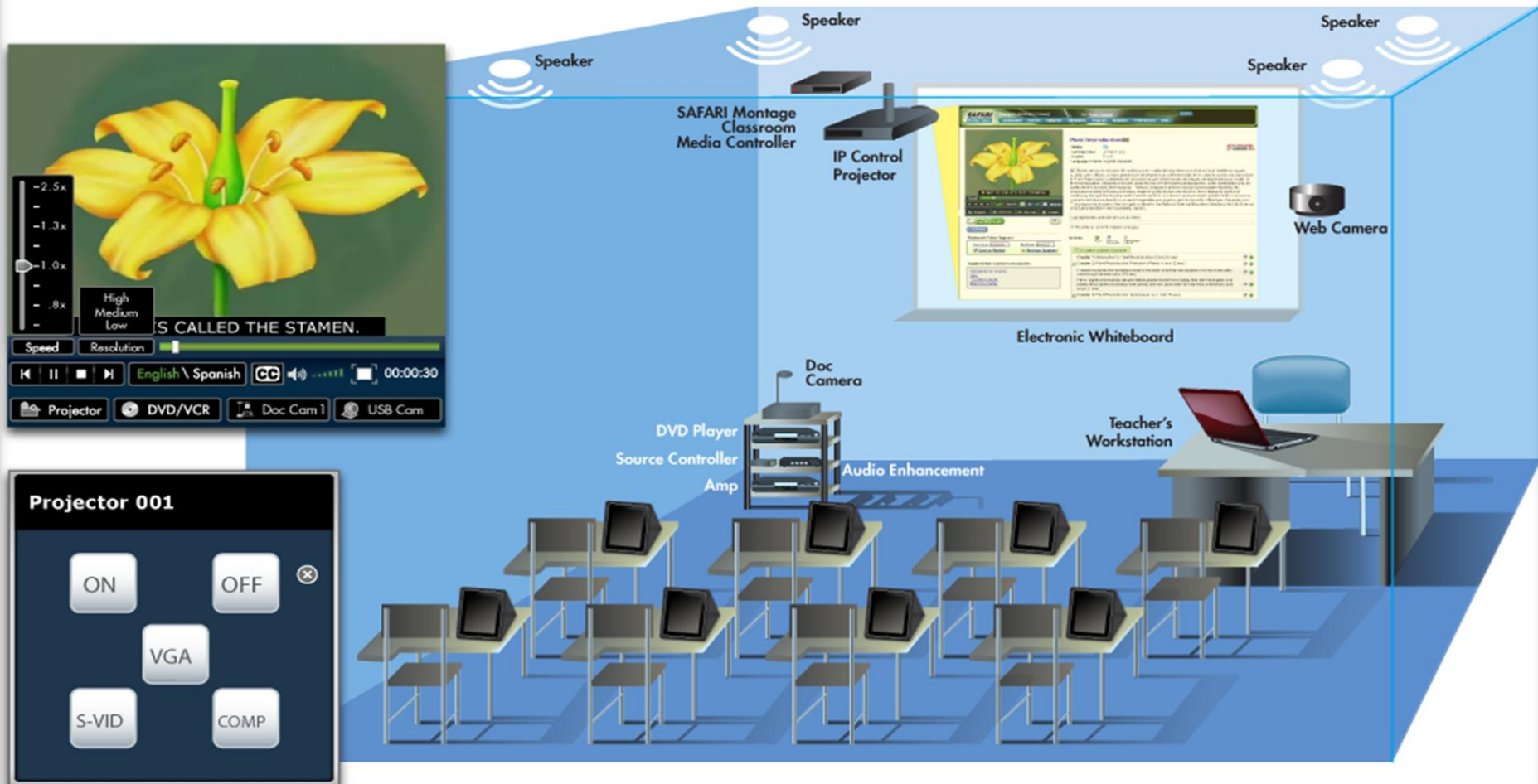
# Media Familiar to Students



Increased engagement  
Increased attentiveness

# Manage The Room, Impact the Pupil

## PATHWAYS SM™



# Resources Where You Want Them



# Impactful: Conception thru Execution

**Conceive Idea**



**Formulate Lesson**

Illinois Standards for Mathematics

State:

Illinois

**Identify Resources**

Keyword:

solar system

Search

Grade Range:

Pre-K

to

Adult

**Upload & Store Assets**

SAFARI MONTAGE  
CREATION  
STATION®

**Ctd.**



# Retrieve

SCIENCE: PHYSICAL SCIENCE • EDIT LESSONS




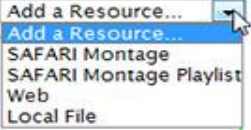












### COURSE OUTLINE

- Matter
- Chemistry
- Motion and Forces
  - Understanding Forc...
  - Understanding Moti...
  - Work and Simple Ma...
    - (E) Levers**
    - Inclined Plane
    - Pulley
    - Wheel and Axle
    - Compound Machines
    - (H) Levers
    - (P) Levers
    - Levers
- Earth Science

Unit: Motion and Forces Chapter: Work and Simple Machines

Teacher Presentation | Copy Lesson | Export Lesson | Delete

- Overview
- Primary Media**
- Addl. Resources
- Teacher Resources
- Get It?
- Vocab
- Standards

	<b>Levers: Introduction</b> (1 min 14 sec) <b>From:</b> Levers In Levers, inhabitants of Mammoth Island have decided to enter their mammoth in a "heaviest mammoth" competition. To d... Move To [v]   <b>Notes to Instructor:</b>	
	<b>What Is a Lever?</b> (39 sec) <b>From:</b> Simple Machines In today's world, kids are aware that there are machines all around them. What they may not realize is that the function... Move To [v]   <b>Notes to Instructor:</b>	
	<b>Levers and Mechanical Advantage</b> (31 sec) <b>From:</b> Simple Machines In today's world, kids are aware that there are machines all around them. What they may not realize is that the function... Move To [v]   <b>Notes to Instructor:</b>	
	<b>Bill Nye Uses a Lever</b> (1 min 9 sec) <b>From:</b> Bill Nye: Simple Machines Bill Nye the Science Guy careens around a roller coaster, furiously pedals his bike on the "Tour du Science," and paro... Move To [v]   <b>Notes to Instructor:</b>	

# Prepare

COURSES | ADMIN

DIGITAL CURRICULUM PRESENTER

SAFARI MONTAGE

PREV LESSON

Science: Middle School :: (S) Levers

NEXT LESSON

## What is a lever? How are levers used in science?

Lesson Snapshot

Lesson Prep

Additional Resources

PRESENTATION VIEW



Bill Nye Uses a Lever...  
1 min 9 sec



What Is a Lever?...  
39 sec



Parts of a Lever



Parts of Levers



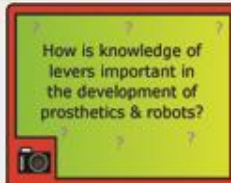
Classes of Levers



Can You Name the Class of Lever?



Classes of Levers



Lever Discussion Question



Upper Limb



The Basics of Building Robots



Humanoid Robots...  
48 sec



Levers in Audio-Animatron...1 min 31 sec



Doc Cam Slate



Levers and Prosthetic Dev...1 min 16 sec



Live Videoconference: Levers

WELL, WE CAN USE A SIMPLE MACHINE.

Speed Resolution

English Spanish CC 00:00:11

Projector PTZ Cam Doc Cam Blu-ray

SMART Board

### Lesson Resources

Teacher Prep Notes

Project

Goals & Objectives

State Standards

Key Vocabulary

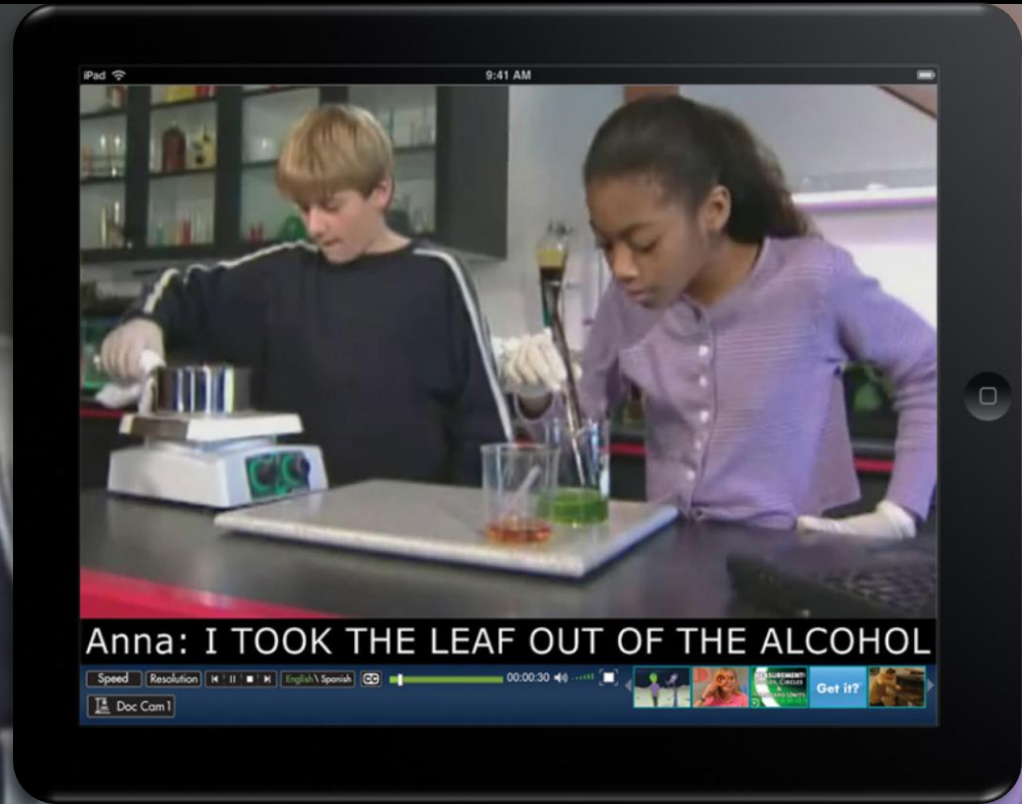
Rubric

Handouts

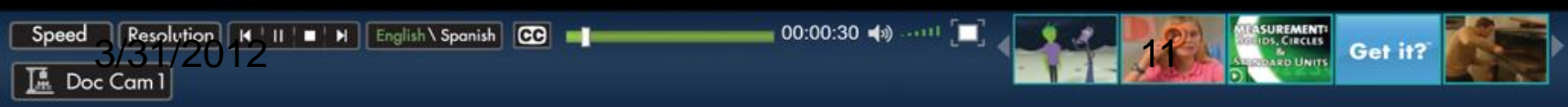
Edit Lesson



# Deliver



# Anna: I TOOK THE LEAF OUT OF THE ALCOHOL



3/31/2012

11

# Evaluate

# SMART Board

Get it?™







# What Kept Them Engaged?

# They Touched It





# Extend the Classroom

# Impact Learning Through Collaboration

- At Home
- Intra-School
- Regional
- National
- International



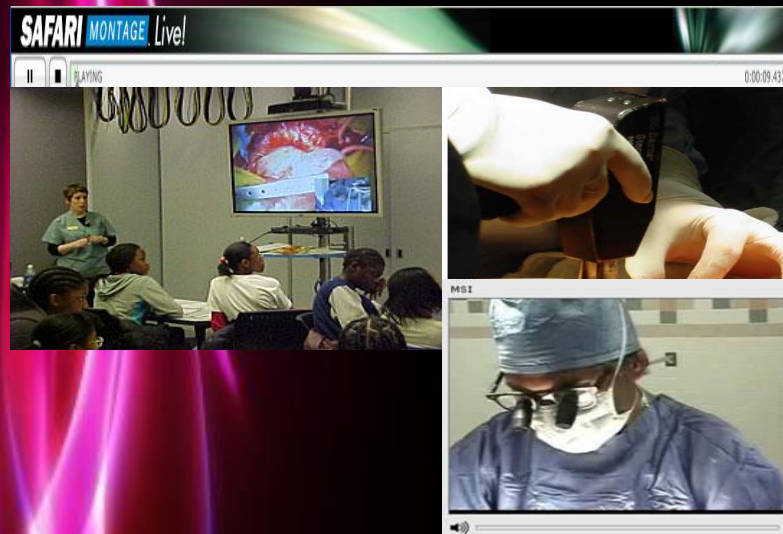


Use videoconferencing to take virtual field trips.



# Local Collaborations & Events

- Poetry Slam Events
- Spelling Bees
- Museum Virtual Visits





# National Collaborations & Events



CHICAGO  
PUBLIC  
SCHOOLS

ITS

# National Collaborations & Events

Meet the Author Webinar with

## Sharon Draper



CHICAGO  
PUBLIC  
SCHOOLS

ITS



# Community Impact In Classroom




**SAFARI MONTAGE Live!**


PLAYING

**Audio/Video**

Rick@community-matters.org



Robeson High School



**Content Viewer**

ChicagoPrincipalsPresentation.ppt.swf

### Community Matters...

**Community Matters (CM)**, founded in 1995, is a 501(c)(3) nonprofit based in northern California, with a satellite office in Los Angeles. Creators of the Safe School Ambassadors® program (2000) and book (2008), the *School Violence-Prevention Report Card* (2009), and many other tools for school climate improvement.

**CM** is a thought-leader in the areas of school violence-prevention and youth development.

**CM's mission is:** *to collaborate with schools and engage, equip and empower young change-agents and peacemakers.*

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**SAFARI MONTAGE Live!**

PLAYING

**Audio/Video**

Rick@community-matters.org



Robeson High School




# TEAM Presentations

SAFARI MONTAGE Live!

|| ■ PLAYING


**Audio/Video**

ETF-320 N. Elizabeth



CPS/ITS Digital Media  
Elizabeth Training Facility

Rebecca Randall- Common




**Participants** | share

**Chat**

Merve : be right there  
07. Jun 2011, 14:59 - jconnolly1@cps.k12.il.us  
has joined.  
jconnolly1@cps.k12.il.us: Hi  
Rebecca Randall- Common Sense Media: hi  
john


**Content Viewer**

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**OMG! Taking students  
from digital users to  
good digital citizens:**

An Introduction to  
Common Sense Media



ITS

# Reaching Everyone



Homebound students can monitor classes and learn from home.

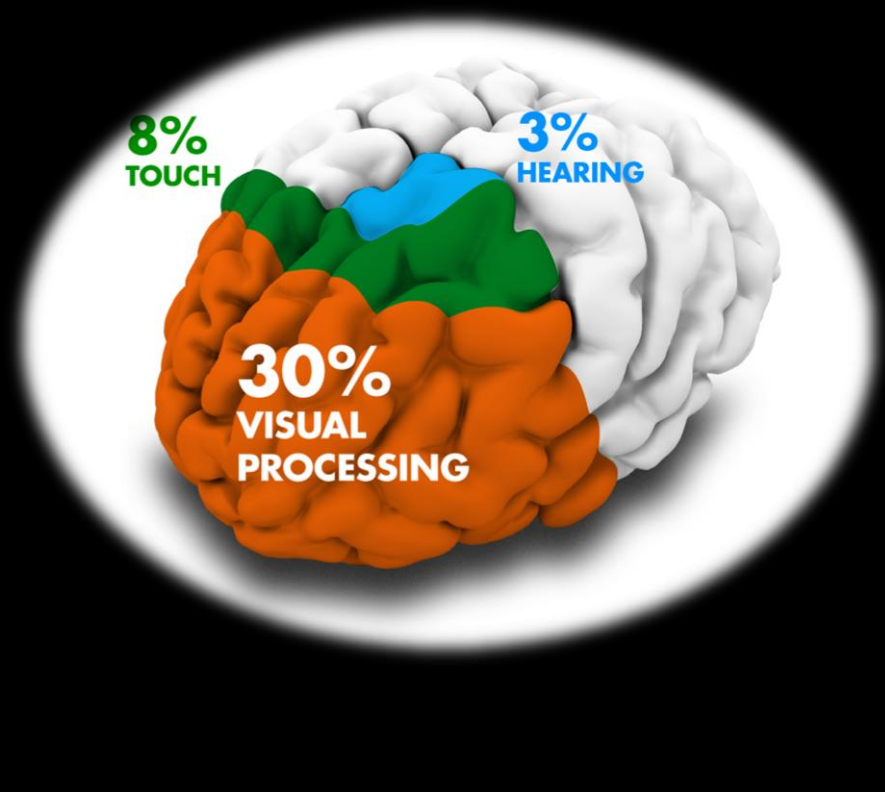


Students in multiple classrooms can attend classes in other buildings.



# Keep Them Engaged





“ Young people learn more than half of what they know from visual information... ”


Mary Alice White  
 Researcher, Columbia Teacher's College





# **Learning Shouldn't Suffer From Financial Change**





FEDERAL RESERVE NOTE

HE 21710708 A

# 10 EFFECTIVE WAYS TO ADAPT TO BUDGET CUTS

B

*Treasurer of the United States.*

SERIES  
2006

100

FRANKLIN

# Cost Boundary (to students)



- Students access resources from centralized location
- Nothing to buy other than a web-access device
- Grants, partners and initiatives make resource access affordable to all pupils
- Resources are shared and reusable without wearing, depleting or degrading
- No cost or atmospheric difference, whether student is 1 or 100 miles away



# Cost Boundary (to students)

- Continually increasing in summer school enrollments
- Use of integrated system prevented
  - Paying additional staff
  - Opening additional schools
  - Facilitating and maintaining additional classrooms during summer hours
  - Making special arrangements around scheduled maintenance



# Use the Teaching Tool for Broad Impact

During 2011, our estimated savings are:

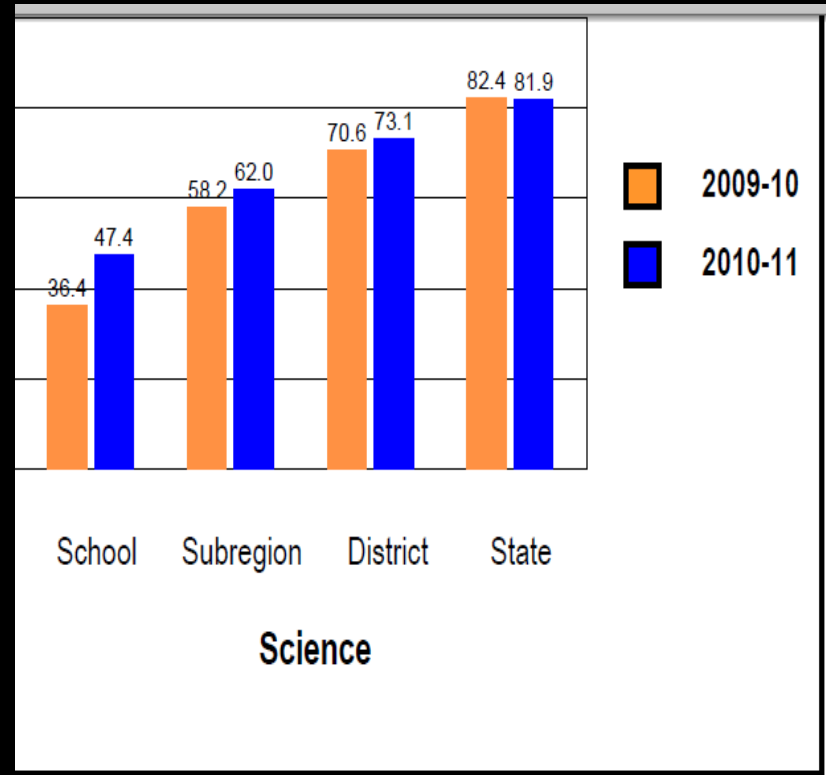
Tele-conference Hosted Events (Total cost savings)

- OPPD Interview Process = \$130k
- Area/Network Meeting Model = \$2.2mil annual
- PD Model = \$3.5mil annual
- Network Chief Model = \$1.2mil annual
  - (assuming 1 conference per month)
- District Wide Communication w/ Principals = \$1mil
  - ( \$65principal hourly x 650principals = \$42,250per event x 24 events)
- District Wide Communication w/ Staff = \$1.4mil
  - (assuming weekly conferences throughout calendar year)



# Proof

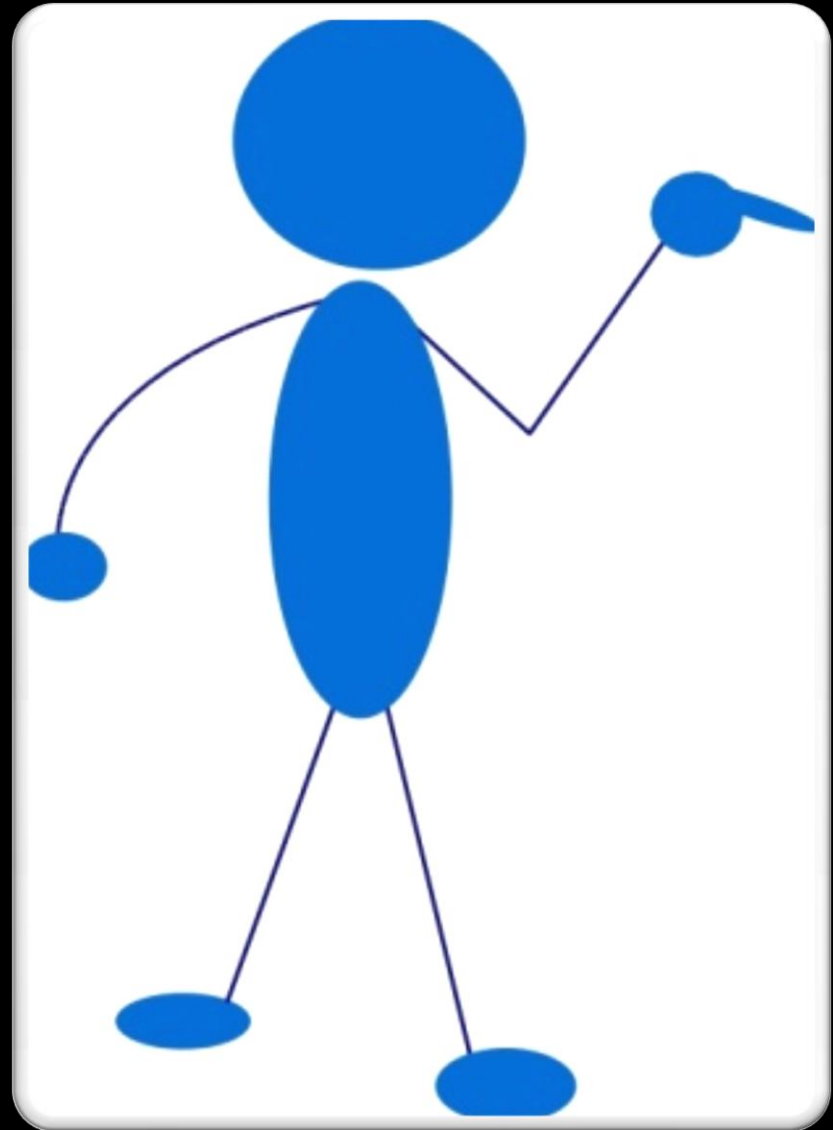
# Retention & Increased Scores



**ISAT Standardized Test Results**



# The Final Point...



# Integrated Digital Curriculum Must Impact

Students

Parents

Teachers

School

District and State Administrators

