# CLASSROOM, COMMUNICATION, & COST EFFICIENCIES

ANDOVER

# CLASSROOM

# THE CLASSROOM IS CHANGING
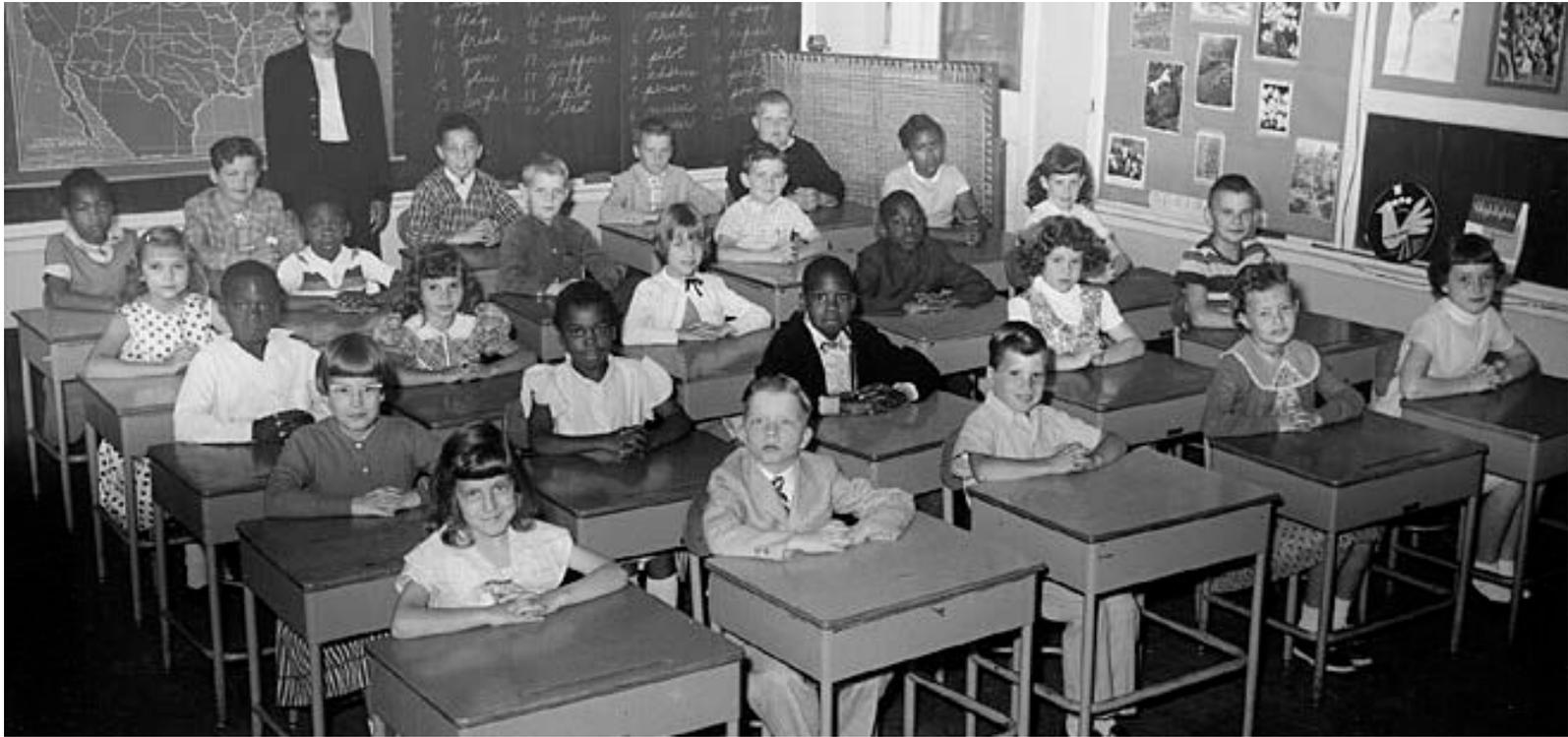
# IT STARTED IN THE 50'S…

# WENT INTO THE 1960'S…

# THE 1970'S...?
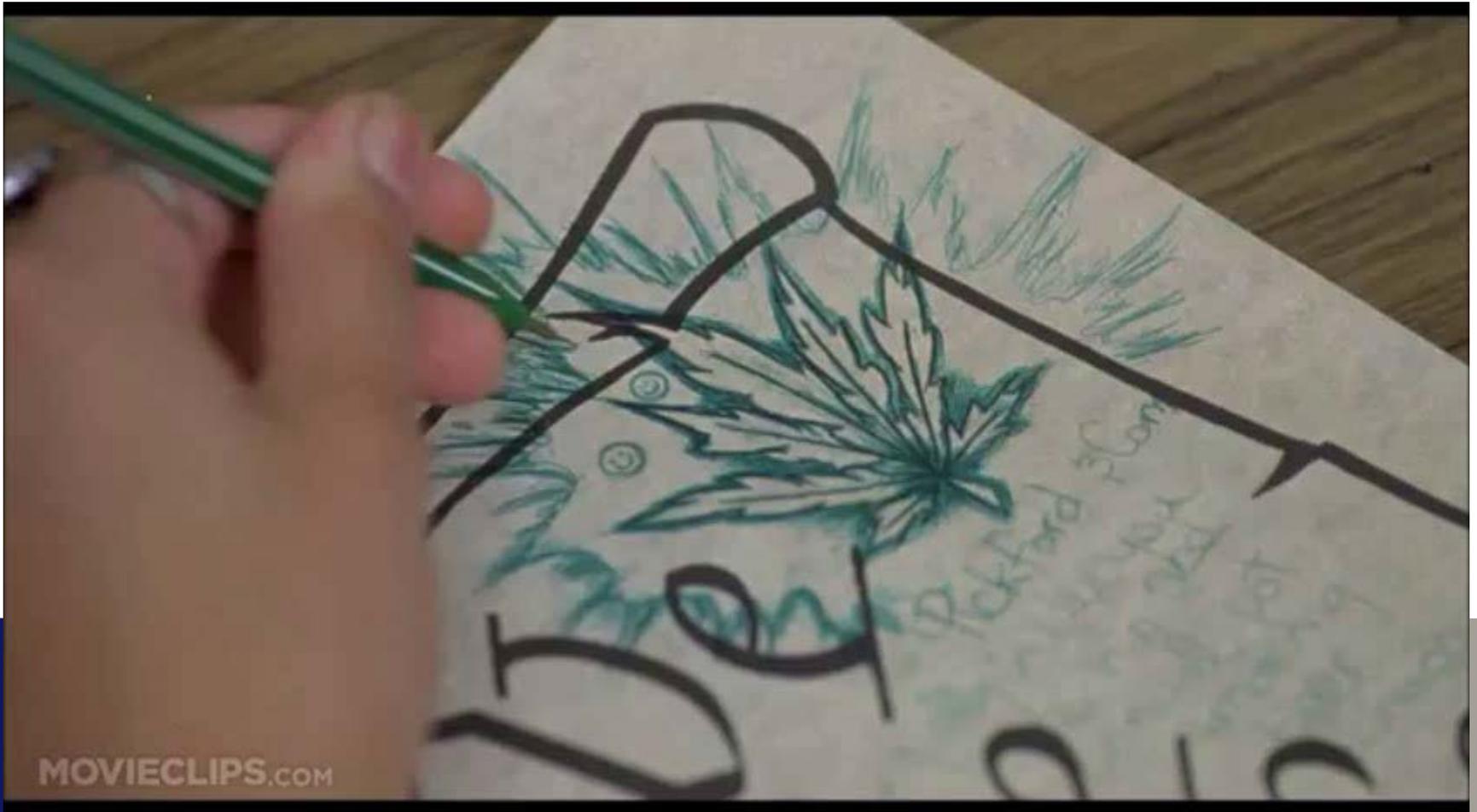
# WHAT ABOUT THE 1980'S?

# AND BEYOND…

# SOMETIMES IT EVEN GETS PERSONAL...

# HOPELESS SCHOOL STAFF…

# SAD SUPPORT STAFF…

# TERRIBLE TEACHERS…

# EVEN MORE TERRIBLE TEACHERS...

# AWFUL ADMINISTRATIVE STAFF…
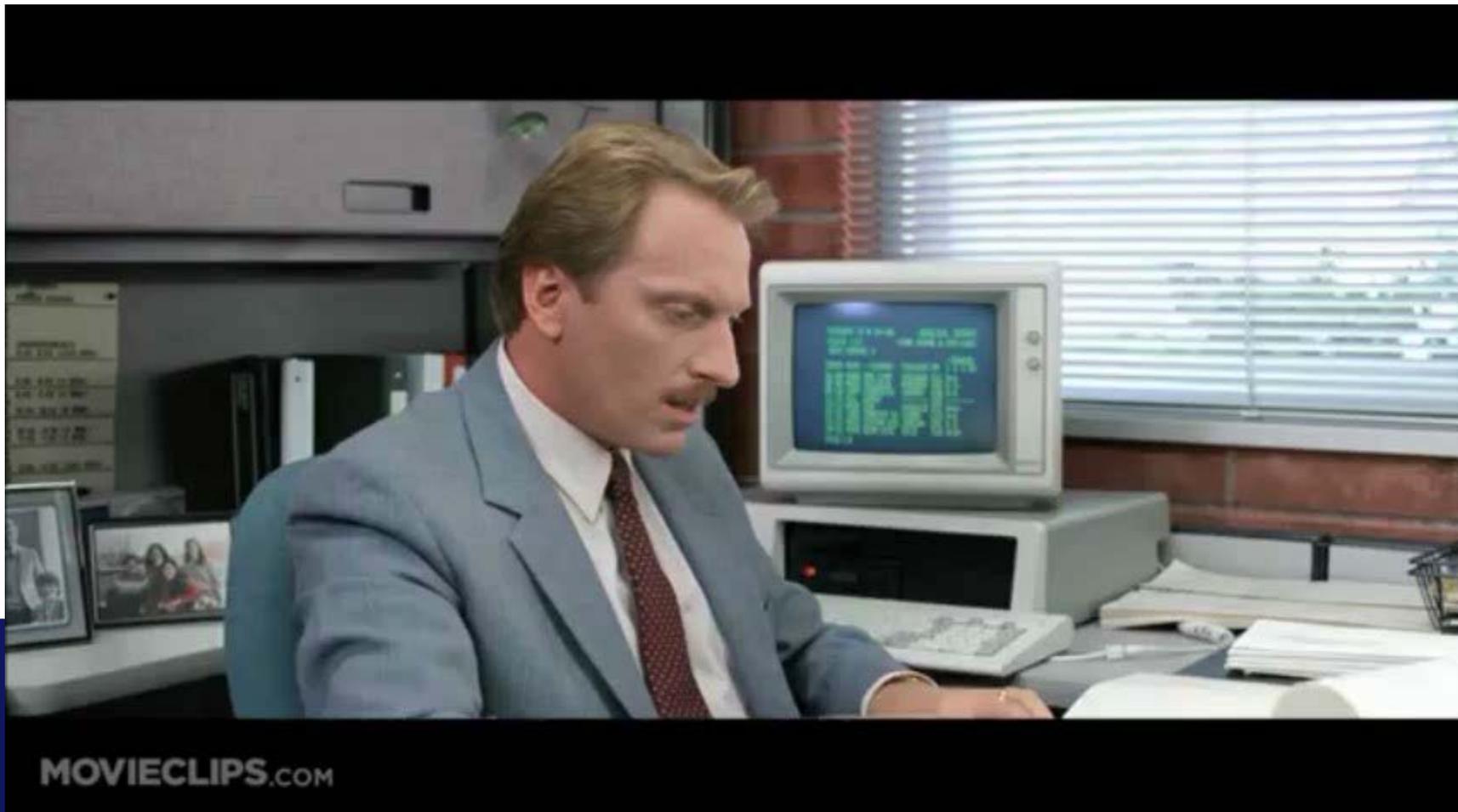
# AND SUPERINTENDENTS ARE REALLY ONLY GOOD FOR ONE THING…

# IS THIS MORE LIKE REALITY?

# SO WHAT ARE THE FACTS?
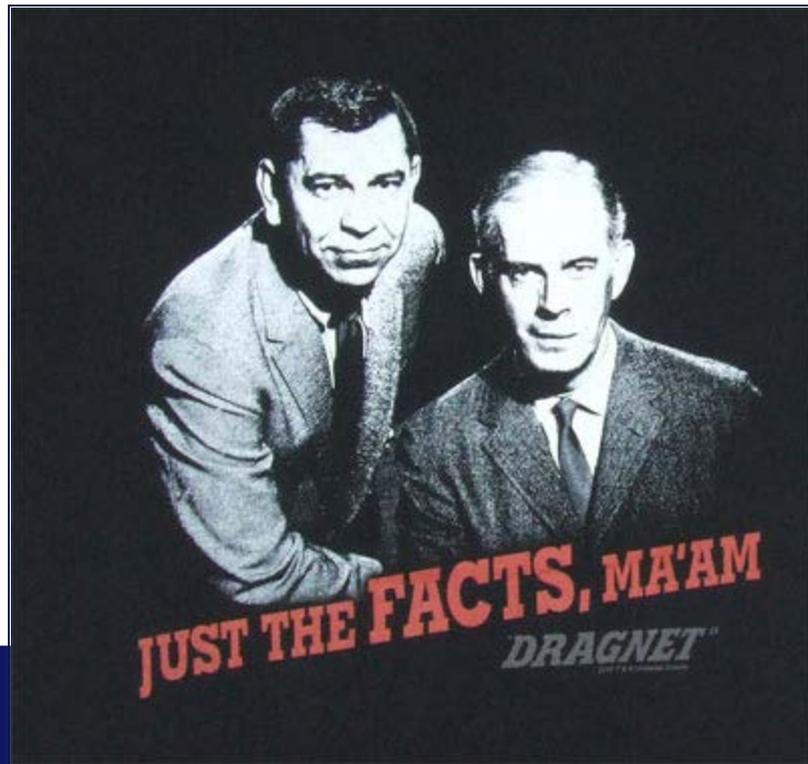
# LETS START WITH ACT SCORES…



**Kansas and U.S. Average ACT Scores 1994-2011**
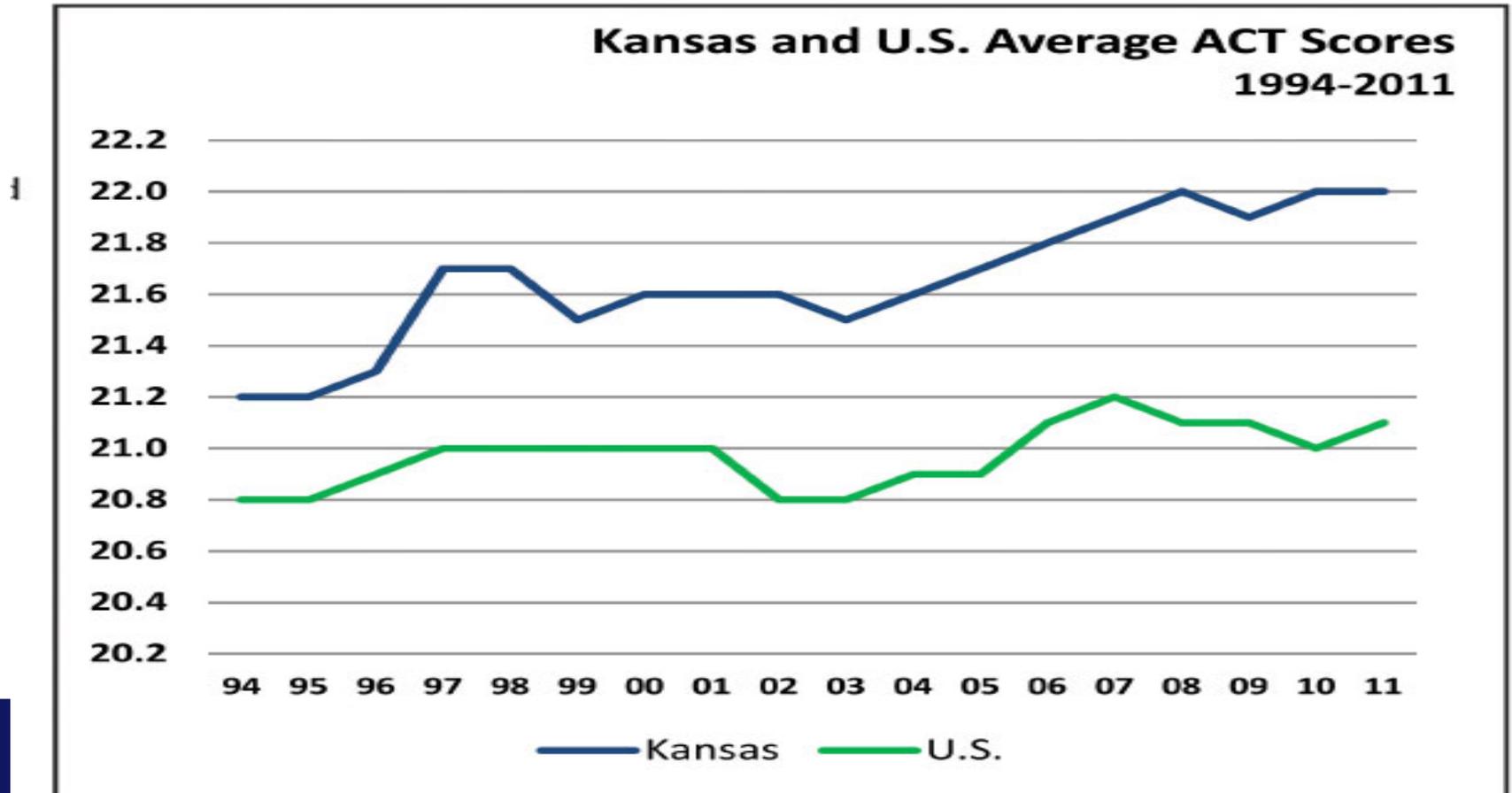
# Technology is changing fast

**Sunflower Elementary**

**Andover High School**



2001



2011

# TODAY'S CLASSROOM IS MUCH DIFFERENT

# CLASSROOM TECHNOLOGIES

- Laptops or iPads

- Promethean or Smart Boards

- Active Response Systems

- BYOD or 1 to 1 computing environment

- Wireless Tablets

# TECHNOLOGY IS NOW IMMERSED INTO EVERY ASPECT OF OUR DAILY LIVES

Communication - Social Media – Facebook, Twitter, Pinterest, Linkedin

Data – Cloud Services – Dropbox, Evernote, data now is instant and resides where you can get access from anywhere

Video – Teleprescence and video chat, Skype, Facetime, iChat

# POWER OF CLASSROOM COLLABORATION

# HOW DO WE USE TECHNOLOGY TOOLS TODAY?

- Common Core Impact

- Project Based

- Skype or video based collaboration

- Flipped Classrooms

- Student Led

- Digital Textbooks

# COMMUNICATION

# Communicating is key

How to share the message and what tools to utilize.

- School Messenger

- Board Docs

- Podcasts

- Twitter

- Facebook Pages

- SingleWire (Internal Instant Emergency Communication)

- Wikis

# Social Media

- Twitter
- Facebook
- RSS feeds
- MySpace
- Pinterest
- Tweetdeck
- Hootsuite
- Edmodo
- PowerSchool
- Skype
- Tumblr
- YouTube
- LinkedIn

# AN EXAMPLE OF TODAY'S FAMILY

# ITUNES U

We have an iTunes U Site now which will bring the ability to provide an online catalog of courses that teachers can create and provide to students.

# YOURTEACHER – FLIPPING THE MATH CLASSROOM

## "Teacher in a Text"

- Gives at home tutorial
- Adaptive learning
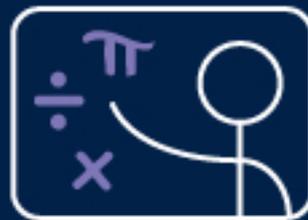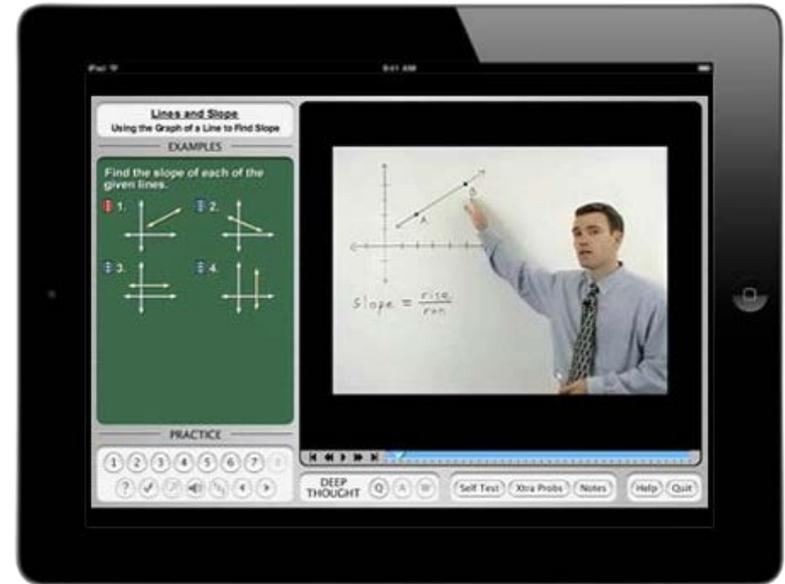
# FLIPPED CLASSROOM

Blended Learning Environment

- Where videos take the place of direct instruction

- This then allows students to get individual time in class to work with their teacher on key learning activities.

- It is called the flipped class because what used to be classwork (the "lecture" is done at home via teacher-created videos and what used to be homework (assigned problems) is now done in class.

# COST EFFICIENCIES

# ENERGY MANAGEMENT

- Performance contracting

- Web based District Wide Building environment controls

- Scheduling of heating and air for cost efficiencies and savings

# GOING TO THE CLOUD

A lot has been said about cloud computing and it's relevance in education. There are many aspects to consider when looking at which services that you might look to for cloud services for your district or organization.

# THANK YOU!

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