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Mobile Management:

Managing mobile devices in the classroom

VERIZON INNOVATIVE LEARNING SCHOOLS

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Who is this guy?

What I do…

- Technology Director
- STEM Director
- Teacher (9 courses 6-12th grade – math, science, STEM)
- Technology Chairman (SIGML)
- Faculty (Colorado College)

What I have done…

Cellular Ed
Unplugging Education

Denver Center for 21st-Century Learning
DC 21
My Time. My Path. My Success.

iste International Society for Technology in Education

sigml

The Colorado College
Scientia et Disciplina
Founded 1874

Johns Hopkins University
School of Education

Contact Me…

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Questions? Feel free to text me a question at any time and I will check my phone periodically…

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Approval!

Classroom management is great! Using technology can be a problem. Make sure you get any new tech approved by:

1. Local Technology Support
2. Your Supervisor/Principal
3. District Tech Staff

Get your district involved!

Now for the presentation!

Outline…

1. Plan
2. Execute
3. Assess
4. Revise

LEARNBOOST

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First…

What is Management?

School and classroom management aims at encouraging and establishing student self-control through a process of promoting positive student achievement and behavior.

Thus academic achievement, teacher efficacy, and teacher and student behavior are directly linked with the concept of school and classroom management.

(Froyen and Iverson, 1999)

Mobile Learning

Planning for Mobile

Getting your classroom ready…

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“Any teacher that can be replaced by a computer deserves to be.”

David Thornburg

The “Skinny”

The skinny is finding the smallest number of High-Leverage, easy-to-understand actions that unleash stunningly powerful consequences. (Fullan 2009)

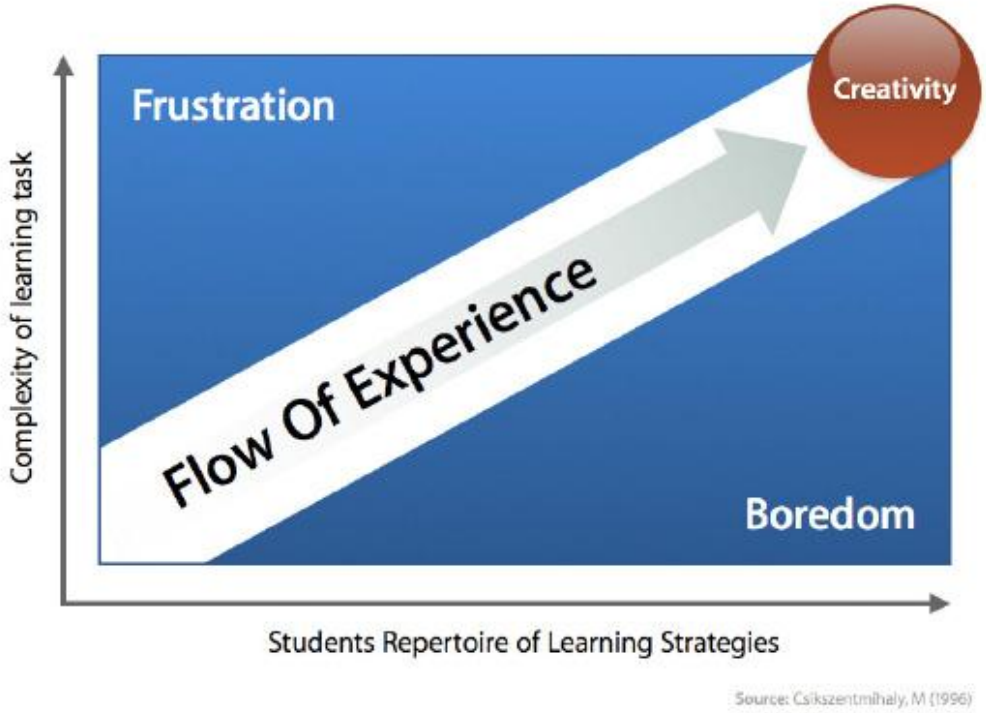
For Technology and Teaching:

Focus on student impact not on numbers!

Given the current strategies, org charts, institutional setups, policies, and incentiv
ystems, the digital divide will continue to grow until the students become th
rofessors. This is not to put the blame on faculty members or on anyone else; it'
herely to say that the way things are currently set up is *not working* to reduce thi
igital divide (DSC). New habits *can* be launched, I have expressly said, o
ondition of there being new stimuli and new excitements (James). If we teac
oday as we taught yesterday, we rob our children of tomorrow (Dewey). Any growt
equires a temporary loss of security (Hunter). Do not confine your children to you
wn learning for they [illegible] he illiterate of the 21
entury are not those [illegible] that cannot learn, re
earn and unlearn. (To [illegible] omputer and new ag
echnology, but if the teachers themselves are not able to bring it to the classroo
nd make it work, then it fails (Kassebaum). The last few decades have belonged t
certain kind of person with a certain kind of mind - computer programmers wh
ould crank code, lawyers who could craft contracts, MBAs who could crunc
umbers. But the keys of the kingdom are changing hands. The future belongs to
ery different kind of person with a very different kind of mind - creators an
mpathizers, pattern recognizers and meaning makers. These people - artists
nventors, designers, storytellers, caregivers, consolers, big picture thinkers - wi
ow reap society's richest rewards and share its greatest joys (Pink). Teacher
eed to integrate technology seamlessly into the curriculum instead of viewing it a
n add-on, an afterthought, or an event (Jacobs). The need to know the capital o
lorida died when my phone learned the answer; Rather, the students of tomorrow

Engage or not?

Engagement?



Keep students away from frustration and boredom.

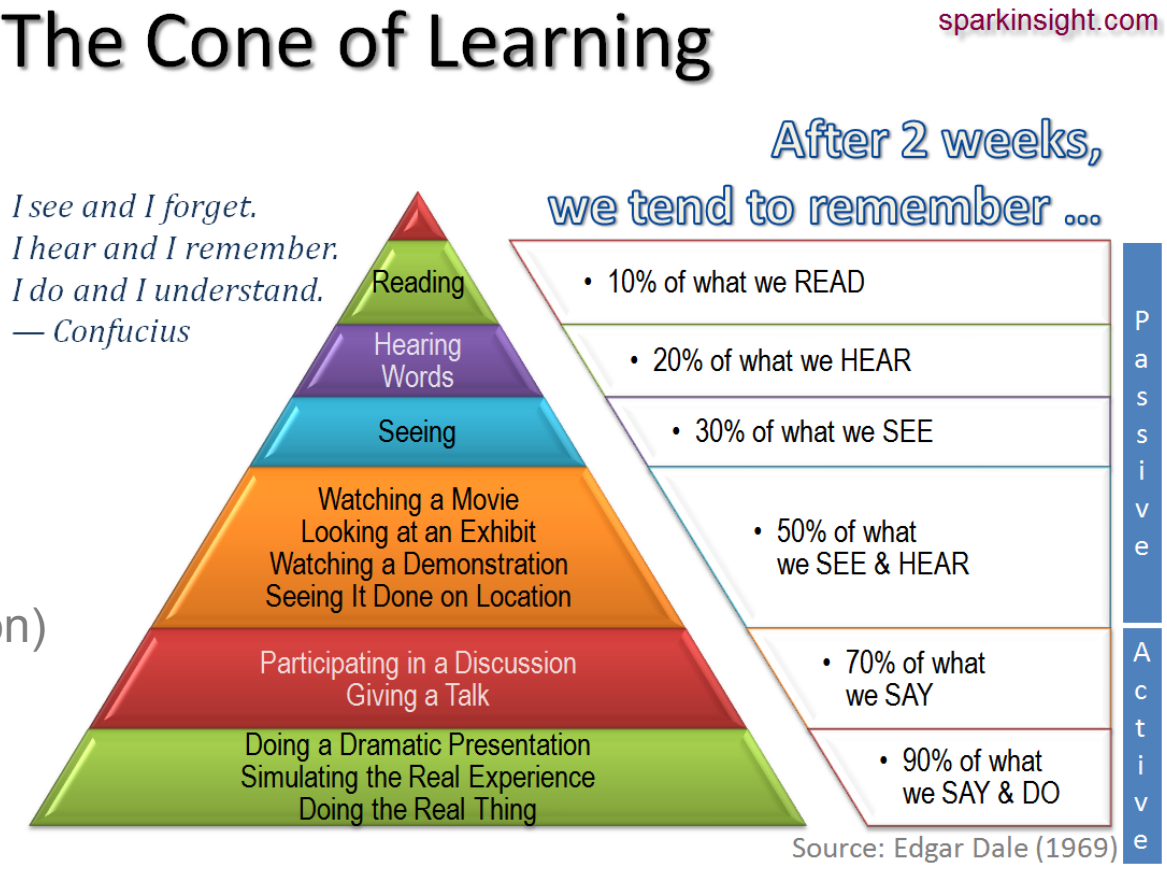
This method of engagement in instruction can be done by multiple technologies and methods.

What are the classroom benefits of Engaging your students? (respond in chat)

The Cone of Learning

Gardener (1989) – Not all students learn the same way (Multiple Intelligences)
Bloom – The questions that promote the most learning build upon each other.

By moving into active learning, we can cover more… (higher retention)



Learning Strategies

Generally accepted learning modalities are classified below.

Behaviorism, feedback and reinforcement

Constructivism, rich media, simulations and immersive environments

Informal or Situated learning, using education in “context aware” environments (in the field)

Collaborative learning, recording and sharing instantly

COLLABORATIVE LEARNING

- Ability to create collaboratively (student & teacher) authored resources
- Reinforcement when learners are receptive and in modes they may be more open to (peer reinforcement)
- Collective participation to tag and provide resources that may be relevant

What else do you think? (website reflection)

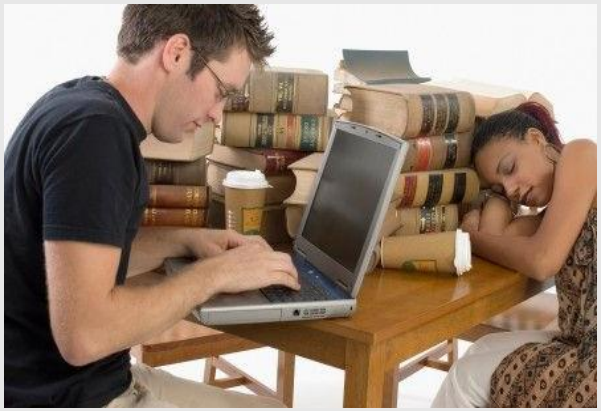
Kagan Structures

Polling/Clickers

Naiku Quick Question

Collaborative Writing/Editing

CONSTRUCTIVISM



- Mobile devices allow content portability into “context aware” environments
- Multimedia delivers 20 times more “minutes on the message”
- Expanding cultural and societal experiences

What else do you think?
(website reflection)

Google?

Inspiration

Design your own project…

Discovery!

INFORMAL & SITUATED

- Mobile devices allow content portability into “context aware” environments
- Access to educative material via multiple devices without barriers to access
- Capturing learning moments and environments

Mobile Planning

What are some distractions with Mobile Devices?

Apps, apps, apps, apps, apps… More is not better!

Stupid camera

Planning Apps…

PlanbookEdu.com

engrade

Introducing Mobile

In your classroom…

Begin

1. Only install apps you need (minimizes distractions)
2. Install locators…
    1. Android: Lookout
    2. iOS: Location Services
    3. Netbooks: PreyProject

lookout™
MOBILE SECURITY

For Teachers

1. Gradebook
2. Attendance
3. Seating charts
4. Behavior

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Assess and Revise

To Maximize learning!

Document Document Document!

1. Ensure that you document what you did, if it worked, and what you would change for all of your adventures!

Any Questions?