

iPads for Education

USD 109

March 13, 2015

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Smoky Hill ESC

Objectives

- **Discuss iPad use**
- **Demonstrate some apps**
- **Provide app resources**
- **Facilitate experimentation**
- **Answer questions**

AGENDA

- Get as far as we can
- Go fast as we can
- Take time to experiment
- Questions & Answers



Today's Handouts

http://www.smokyhill.org/ Smoky Hill ESC

File Edit View Favorites Tools Help Google Search More CD Modd

SUNDAY, DECEMBER 2, 2012 SEARCH SITE

We Do the Little Things for You!

Smoky Hill

Education Service Center

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Smoky Hill Education Service Center's Mission Statement is: "To provide quality leadership, services, and support to the needs of participating districts."

Classroom Instruction That Works

"The only way to improve outcomes is to improve instruction." --Michael Barber & Mona Mourshed, How the World's Best-Performing Schools Come Out on Top Educators today face many challenges as they prepare students for an increasingly competitive, global society. To meet these challenges, it is necessary to go back to the models of learning and capitalize on the teaching strategies that best meet the learning needs of today's students. McREL's Classroom Instruction That Works (CITW) program answers the questions about what high quality instruction looks like by summarizing 40 years of research on instruction. CITW teaches participants which . . . [read more](#)



CITW helps teachers learn research-based instructional strategies that improve student achievement.

Volume Purchasing

H.S. Diploma Programs

Kansas Learns Online

(KAESA Virtual School)

SHESC Calendar

SHESC Staff Resources

CTE Annual February Conference

Learning that works for Kansas
CTE Learning That Works, For Kansas

The Career & Technical Education Annual February Conference
People~Purpose~Passion Save the date and note the new location for the

Fall 2012 Workshops

SHESC has scheduled its workshops and events for Fall, 2012. The workshops and events are listed on the SHESC Calendar which is available [HERE](#). To see a complete description of the workshop and additional details, click the workshop title

54° F
Salina, KS

Calendar Highlights

Tue	Dec 4, 2012
9:00am to 11:30am	KEEP & McRel Evaluation Comparison 1401 B Main
Tue	Dec 4, 2012
1:00pm to 3:30pm	KEEP & McRel Evaluation Comparison 1401 B Main
Wed	Dec 5, 2012
9:00am to 11:30am	KEEP & McRel Evaluation Comparison 1401 B Main

Opening Questions

What questions are there to start?



iPads are Tools



iPad Settings



Settings

- Airplane Mode OFF
- Wi-Fi AppleWiFi
- Cellular Data
- Brightness & Wallpaper
- Picture Frame
- General**
- Mail, Contacts, Calendars
- Safari
- iPod
- Video
- Photos
- Store

4:23 PM 92%

General About

iPad Production

Network	AT&T
Songs	0
Videos	1
Photos	3
Capacity	14.0 GB
Available	13.8 GB
Version	3.2 (74104)
Carrier	AT&T 5.7
Model	555-5505LL
Serial Number	YM0000010MM
Cellular Data Address	1 (408) 555-1212
Wi-Fi Address	84:84:0D:84:8C:84
Bluetooth	84:84:0D:84:84:B3
IMEI	84 555200 175196 3
ICCID	4104 4104 4104 4104 4104
Modem Firmware	06.15.00

Legal >

Regulatory >

iPad Settings

Make the passcode more complicated.

iOS defaults to a four-number passcode.

You can turn it off by going to *Settings, Passcode, Simple Passcode.*

Now you can use any full keyboard password to lock the iPad.



iPad Settings

- Specify your Spotlight searches.
- iPad uses Spotlight for its built-in search functions,
- Tweak it in *Settings, General, Spotlight Search*.
- You can also change the order in which the search-result categories display by dragging them up and down.



iPad Settings

- Get the iPad to type your signature automatically by going to *Settings, Mail, Contacts, Calendars*.
- Tap on *Signature* and type in the text field.



iPad Settings

- The iPad font size can be adjusted.
- Go to *Settings, General* and scroll down to *Accessibility*.
- Use the *Large Text* option to make the words in many applications look larger.



iPad Settings

- iPad home screens can be personalized.
- Choose *Settings, Brightness & Wallpaper.*
- Browse to iPad's *Photo Library* and pick an image.



iPad Settings

- To prevent use of certain apps, go to *Settings, General, Restrictions*.
- Tap *Enable Restrictions* and enter a passcode. You can then turn those apps off.



iPad Settings

- To stop iPads from automatically connecting to an unknown network, go to *Settings, Wi-Fi*.
- Make sure that the *Ask to Join Networks* option is turned on.



iPad Settings

- Easily rename folders.
- Tap and hold on a folder until it starts to shake.
- Open it and click on the title.
- Enter the text.



iPad Settings

- The iPad keyboard can be split.
- To return to a full keyboard, touch and hold the Keyboard key. Slide to Dock and Merge then release.
- To turn Split Keyboard on or off, go to Settings, General, Keyboard, Split Keyboard, then tap On or Off.



iPad Tips and Tricks!

Home Button

Screen Shot

Copy/Paste

Delete or Move an App

Camera..Photo Storage



Bundled apps

What can you use it for?



Safari

Safari is the iPad's web browser. It allows you to view complete web pages as they would appear on a standard computer. You can zoom into text or images easily for a closer look. You can have multiple pages and/or sites open at once using "tabbed" browsing. Text and images can be copied for use in other apps.



Mail

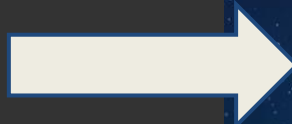
Mail is an email app that allows you to access and manage all of your email. It will allow you to manage multiple email accounts e.g. you can sync your EduMail account to it, and also attach a Gmail or Yahoo account. Mail works closely with the Contacts and Calendar apps to make sure you are always organised.



Photos

The Photos app organises all of the images on your iPad. You can create impressive looking slideshows from directly within the app. When an image is selected you can email it to someone, set it as wallpaper for your iPad, or 'copy' it for use in another app.

**More
bundled
apps...**



iPad Tips & Tricks

- Double click the Home button to show the app switcher.
- Scroll left or right to see all open apps.
- To quit an app, swipe it up toward the top of the screen.



iPad Tips & Tricks

- Hold the sleep/wake button and Home button to take a screen shot.
- The screen will flash and a camera click will be heard.
- The shot will appear in the Photo app's camera roll.



iPad Tips & Tricks

- To copy and paste text from one app to another, tap and hold a word.
- Once the portion of text has been highlighted, tap the Copy option to save it to a clipboard.
- Go to the other app and paste.



iPad Tips & Tricks

- Know your web links.
- Check a linked word's actual destination URL by touching and holding on the link.
- This is a way to sniff out phishy links.



iPad Tips & Tricks

- Easily delete apps no longer used.
- Press and hold an app icon until the screen starts to shake.
- Tap on the X next to the app's icon.



iPad Tips & Tricks

- The iPad's screen may freeze and not respond to touch.
- Try pressing the Sleep button to make it nod off, press the button again to wake it up and slide to unlock.
- It should now react as normal.



iPad Tips & Tricks

- If the iPad still won't unfreeze, hold the Sleep button for a few seconds, then drag the 'slide to power off' button.
- Turning the iPad back on should fix things. Or press the Sleep and Home buttons for ten seconds or so until the Apple logo appears.



Suggestions

- Ask, “What am I trying to accomplish?”
Design lessons for learning not technology.
- We want students engaged, but we also want them learning.
- **ALWAYS** have a
Plan B.



Reflection App for iPad

- The Reflection app is a way for teachers to project iPads wirelessly onto a computer.



3/12/2015

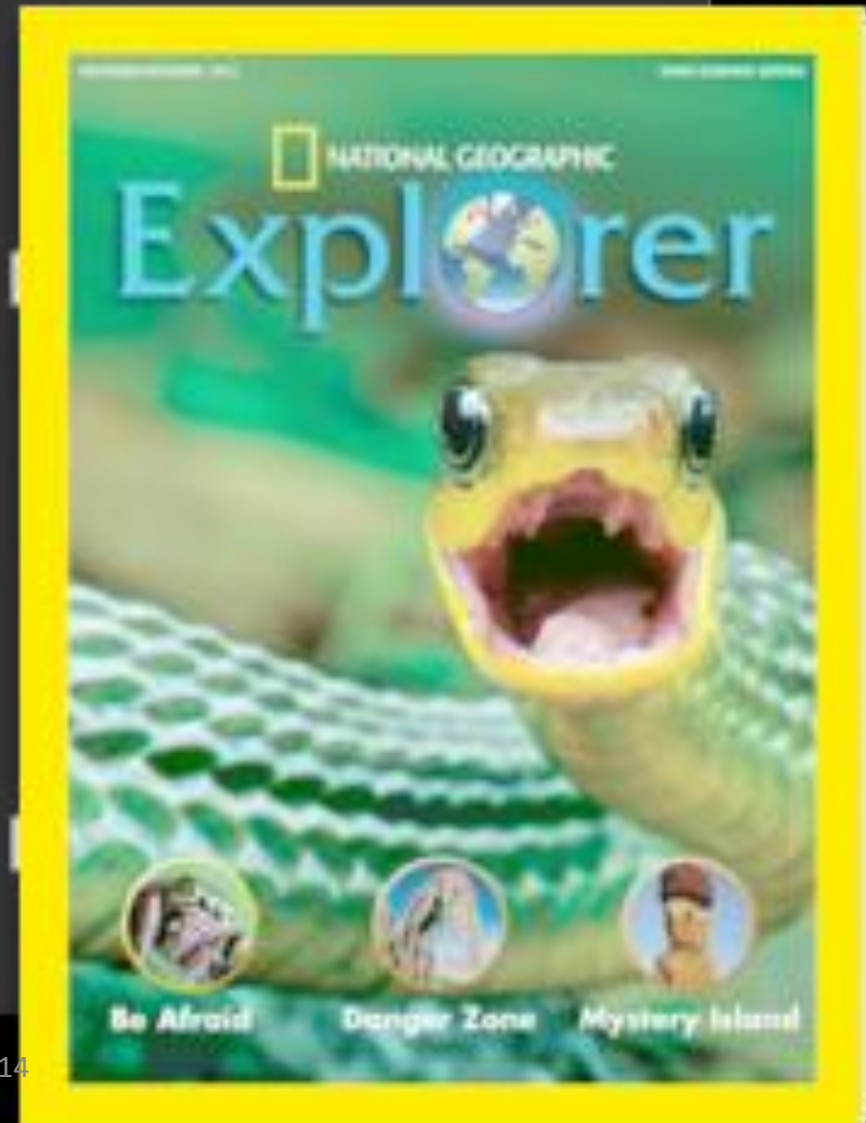
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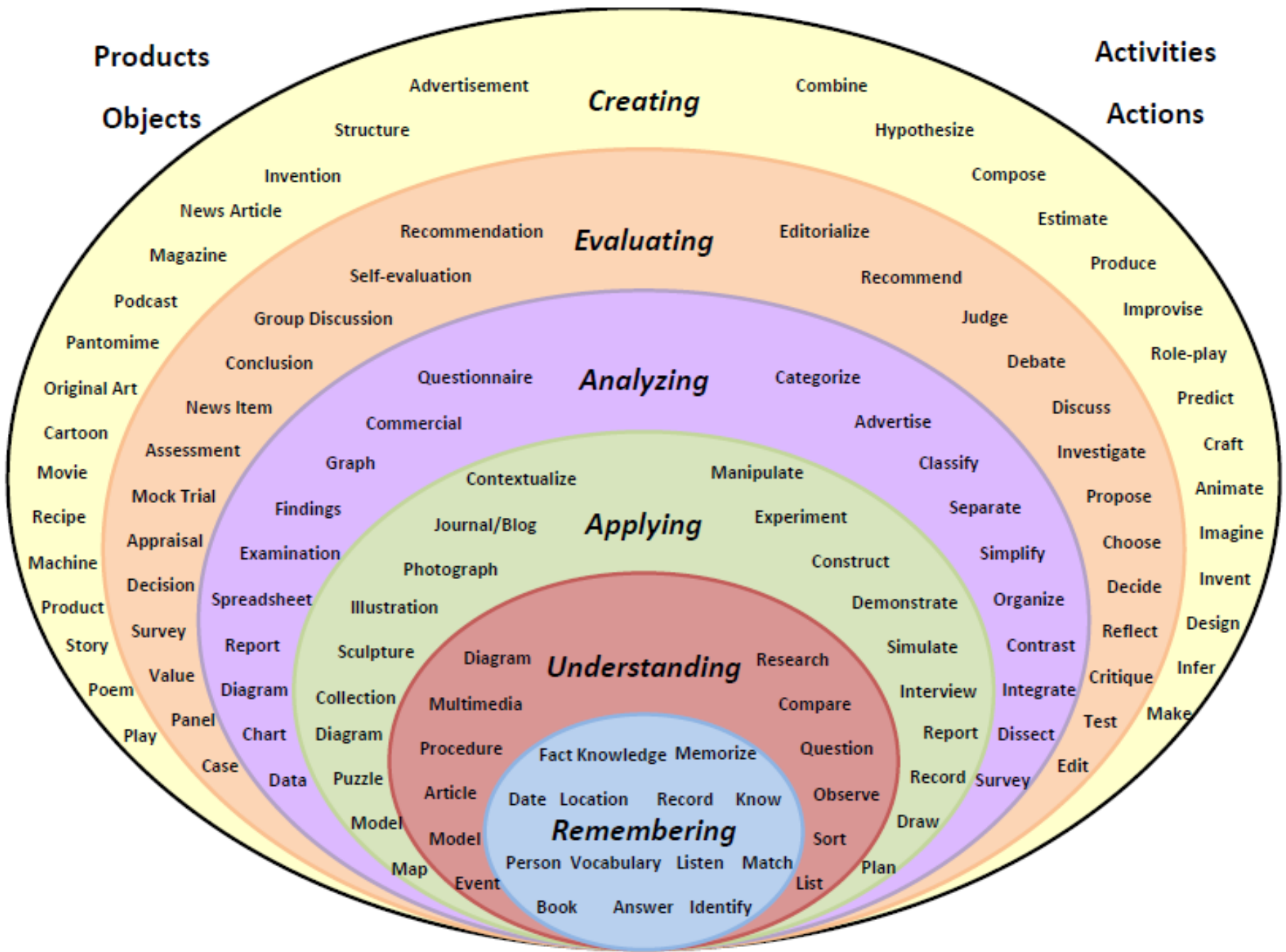
AirServer

- **AirServer is another app that operates like Reflection.**



iPad Potential





Products

Activities

Objects

Actions

Creating

Evaluating

Analyzing

Applying

Understanding

Remembering

Advertisement

Combine

Structure

Hypothesize

Invention

Compose

News Article

Recommendation

Editorialize

Estimate

Magazine

Self-evaluation

Recommend

Produce

Podcast

Group Discussion

Judge

Improvise

Pantomime

Conclusion

Questionnaire

Categorize

Debate

Role-play

Original Art

News Item

Commercial

Advertise

Discuss

Predict

Cartoon

Assessment

Graph

Contextualize

Manipulate

Classify

Investigate

Craft

Movie

Mock Trial

Findings

Journal/Blog

Experiment

Separate

Propose

Animate

Recipe

Appraisal

Examination

Photograph

Construct

Simplify

Choose

Imagine

Machine

Decision

Spreadsheet

Illustration

Demonstrate

Organize

Decide

Invent

Product

Survey

Report

Sculpture

Diagram

Research

Simulate

Contrast

Reflect

Design

Story

Value

Diagram

Collection

Multimedia

Compare

Interview

Integrate

Critique

Infer

Poem

Panel

Chart

Diagram

Procedure

Fact Knowledge Memorize

Question

Report

Dissect

Test

Make

Play

Case

Data

Puzzle

Model

Date Location Record Know

Observe

Record

Survey

Edit

Map

Event

Model

Model

Person

Vocabulary Listen Match

Sort

Draw

Plan

List

Book

Answer

Identify

Graduate Attributes & Capabilities

Requested by CEO's and executives the people that hire, what they desire to see in graduates from higher education.

- Having energy, passion and enthusiasm
- Being willing to give credit to others
- Empathising & working productively with diversity
- Being transparent and honest in dealings with others
- Thinking laterally and creatively
- Being true to one's values and ethics
- Listening to different points of view before coming to a decision
- Understanding personal strengths & limitations
- Time management skills
- Persevering
- Learning from errors
- Learning from experience
- Remaining calm when under pressure
- Being able to make effective presentations to different groups
- Identifying from a mass of information the core issue/ opportunity

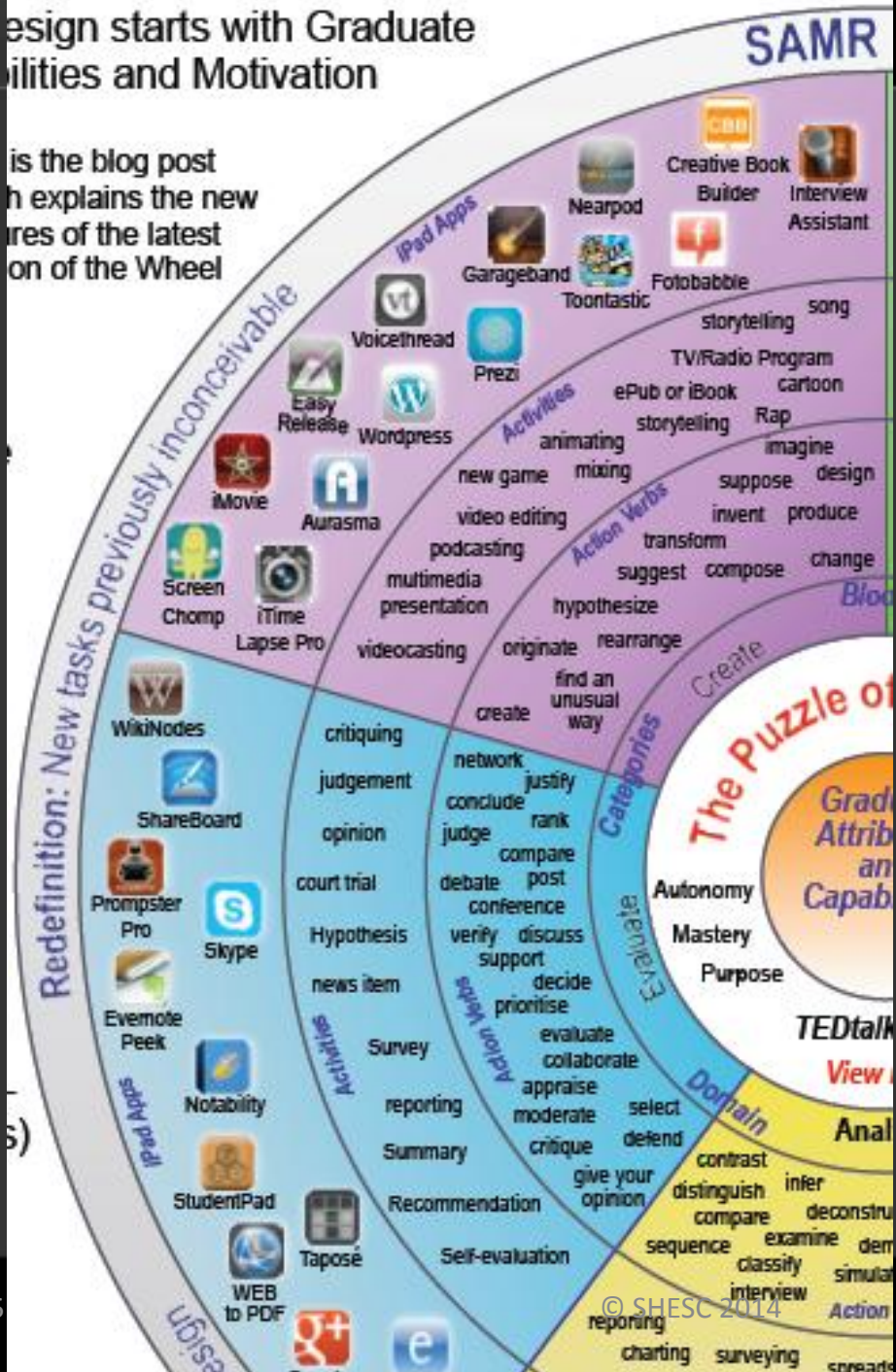
These are some of the capabilities that should be identified as part of our graduate attributes and woven into the fabric of our courses in the activity design. We need to have transformation at the core of what we do as teachers, if it is all about the students. Don't jump into learning outcomes, activity design and choosing technology without first reflecting on graduate attributes and capabilities then how to improve motivation and engagement. Miss these and your course design will be weaker for it.

Please visit the [blog post](#) and listen to the podcast episode at:

"If you exercise these capabilities.. you will be employed!"

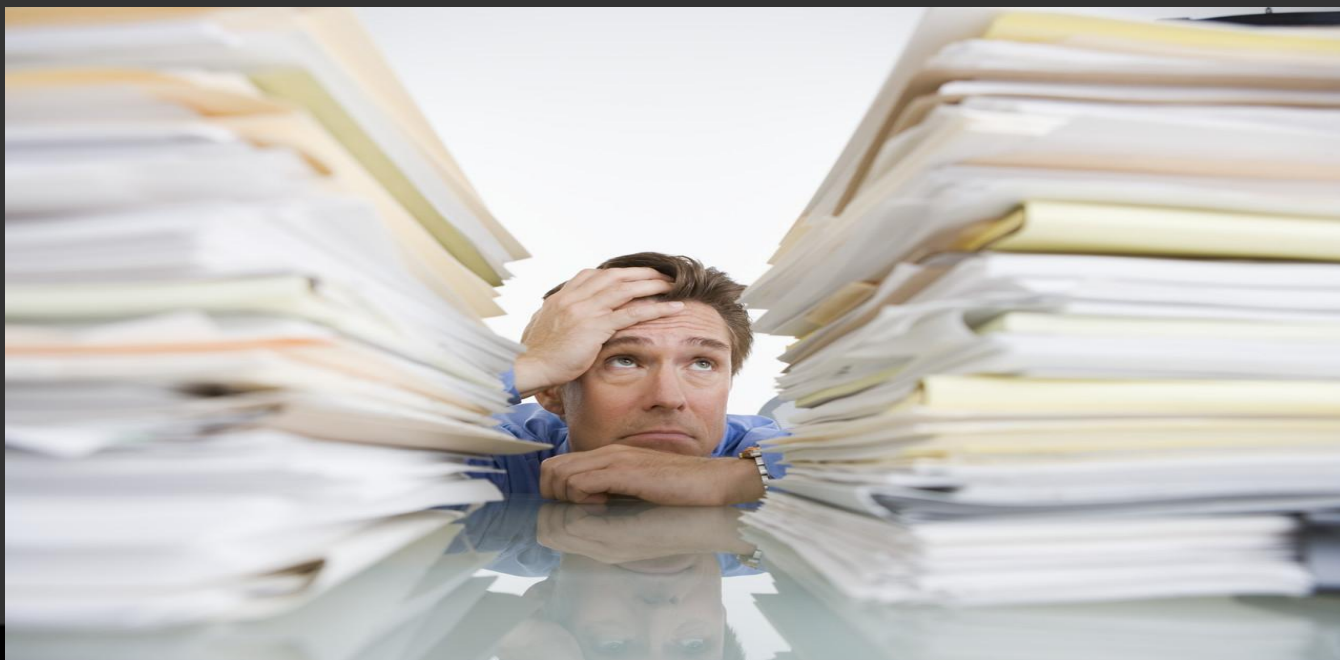
Design starts with Graduate Abilities and Motivation

is the blog post
h explains the new
res of the latest
on of the Wheel



iPad/App Resources

- The sheer number of apps created every day is a challenge for educators.
- There are so many out there it can be overwhelming for teachers.



App Evaluation Suggestions

1. Can the app be used in the classroom?
2. Will it be useful in more than 1 content area?
3. Can the app be used easily and without much instruction?
4. Can the app be used with the KS CCRS?



Evaluation of Apps

What are you trying to accomplish? Begin with the end in mind!

Are the skills reinforced connected to my targeted skill or concept?

Does the app offer flexibility to other content areas?

Can students independently navigate the app?

App-indectomy!

- Don't get caught up in "I need an app for that...."
- Start small....baby steps
- Allow your students to lead when appropriate....you don't have to be the expert 24/7
- The iPad is only one tool....make sure it's the right tool for the right job



iPad/App Resources

- Graphite—free online portal for K-12 educators to find, use, & share the best apps, games, and websites for students.
- Common Sense Media's objective ratings.
- Search by subject, grade level, cost (free, freemium, paid), and type (app, game, or web site).

Graphite.org

iPad/App Resources

- **eSchoolNews—online and print resource that has regular features on apps and online tools.**
- **10 best Apple and Android apps for education.**

iPad/App Resources

- <http://www.ipadinschools.com/>
- <http://appchronicles.com>
- <http://appchronicles.com/category/apps-gone-free/>
- http://www.livebinders.com/play/play_or_e_dit?id=26195
- <http://www.appitic.com/>
- <http://www.ipads4teaching.net/ipads-in-the-classroom.html>

iPad Resources

- <http://teacherswithapps.com/>
- <http://appstarpicks.com/>
- <http://momswithapps.com/>
- <http://www.padgadget.com/>



HOW CAN THE IPAD ENHANCE STUDENT LEARNING?



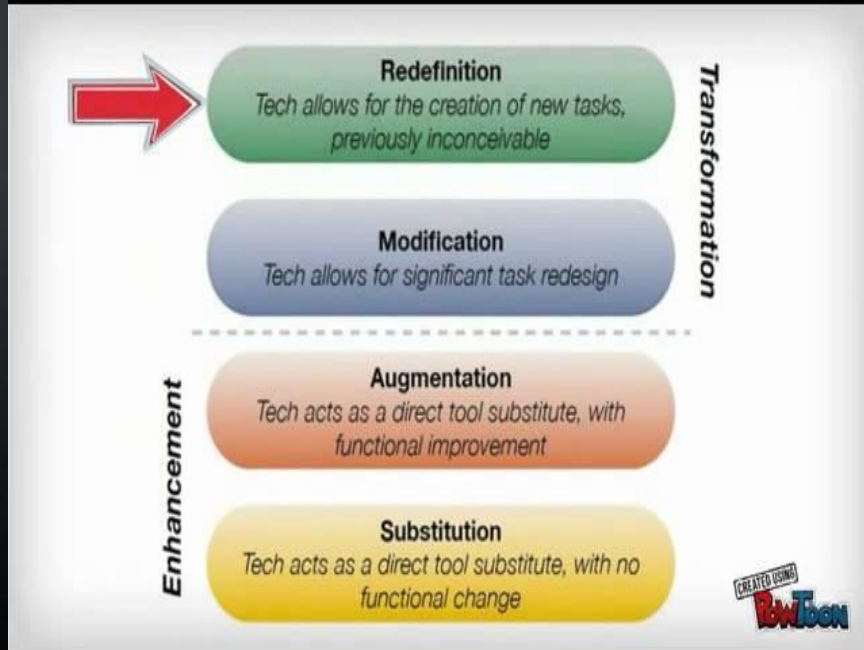
Framing a Lesson

Always start with the objective in mind!

- 1. WHAT** do I want students to learn?
- 2. HOW** do I want students to learn it?
- 3. WHICH** tech tool will enable students to reach highest level of learning?
- 4. HOW** much time can I allocate to this lesson?



SAMR Model



It's not the App that determines the level but instead, the well-planned activity it's being used for

S = Substitution
A = Augmentation
M = Modification
R = Redefinition

INSTEAD OF...

CONSIDER TRYING...

<p>Completing/turning in a photocopied worksheet</p>	
<p>Taking notes in a notebook or on paper</p>	
<p>Making a poster or a collage or posterboard or butcher paper</p>	
<p>Reading an article, book chapter, or other handout on paper photocopies</p>	
<p>Taking a quiz or formative assessment on paper photocopies</p>	
<p>Making notecards for a speech or presentation on actual index cards</p>	

Substitution

Key question - what will be gained by adding (or replacing older) technology to the task design?

- Think of a lesson you are planning to do within the next two weeks. What substitution could you do to enhance that particular lesson?
- Could that particular activity be done without the use of technology?



NUMBER PIECES



VIRTUAL MANIPULATIVES



MATH SLIDE
(Have apps for 10,
100, 1,000)

SUBSTITUTION RESOURCES

**Just moving
the task from
paper to
technology**

Augmentation

Key question - has an improvement been added to the task that could not have been accomplished without (or with older) technology?

- Think of a lesson and apply an augmentation.
- How does the improvement contribute to the task?

Examples of Augmentation!

Inspiration software

Presenting with Prezi
(w/links)

Sharing of Google Docs

Online polls

Making diagrams

eClickers



AUGMENTATION APPS!



Pic
Collage



News O Matic

Modification



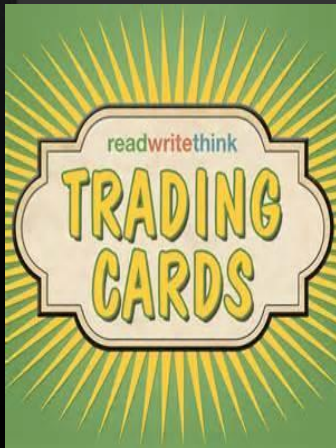
Key question - how is the original task different from the current task?

- Does the ability to do the new task fundamentally depend on the new technology?
- Think of a lesson and apply a modification to the lesson

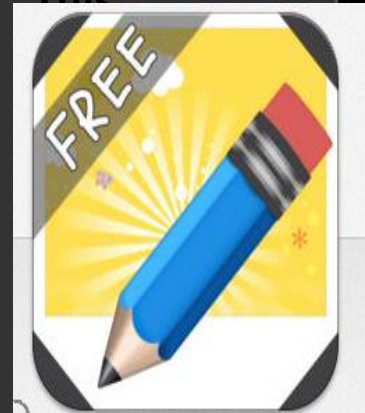
MODIFICATION APPS!

Students
are
CREATING

Trading Cards



Write About
This



Redefinition

Key question - Does the new task allow students to do something that was previously inconceivable?

- Does the new technology uniquely make the new task possible?
- Does the task include collaborative feedback with outside resources (other students outside of this classroom, school or country)
- Think of a lesson and apply a redefinition to the lesson



QR Creator



Sock Puppets

REDEFINITION APPS!



Characteristics of Redefinition: Create, Collaborate, Share

Creation of an ebook with original video and images

Creation of a documentary

Video editing, mixer resources

Skype with class in Germany

Demos

- Are there any apps to demo?
- ScreenChomp
- Socrative
<http://m.socrative.com/lecturer/#main>
Screen Room #439288
- iTalk
- MyStory
- Nova Elements

Sharing

- **What app(s) did you find to use with your classes?**
- **How will the app(s) be implemented?**

App Evaluation Suggestions

1. Can the app be used in the classroom?
2. Will it be useful in more than 1 content area?
3. Can the app be used easily and without much instruction?
4. Can the app be used with the CCSS?



Recommended Apps

- Babbel
- MindSnacks
- 24/7 Tutor
- Reflection
- AirServer
- Splash Top
- Zite
- Leaf Snap
- Kashoo
- iBooks
- Microsoft Tag
- Norton Snap
- File App
- Evernote
- Over Drive
- Google Earth
- Splice
- Sky Drive
- Dv Prompter
- Lync 2010
- Mad Math
- Smart Office2
- The Week Magazine
- National Geographic Explorer
- National Geographic Kids
- CNN
- The Weather Channel
- Skitch
- Map Draw
- Pinnacle Studio

Recommended Apps

- App Hits
- AppStar Picks
- Flow Free
- Screen Chomp
- Doodle Buddy
- ScratchWork
- Socrative
- Flashcardlet
- Nova Elements
- Finger Physics
- Foozle
- Type on PDF
- The Revolution
- Dropbox
- Quick Office
- iTalk
- Splice
- Evereader Pro
- My Story
- Pdf-notes
- Timer
- Skitch
- Notability

Recommended Apps (2013)

- Animoto
- HMH FUSE Algebra 1
- School Fuel
- MyScriptCalculator
- GeoGebra
- MathStudio (\$)
- Statistics Visualizer
- Mindsnacks (\$)

Recommended Apps (2013)

- Show Me
- Popplet (\$)
- Skitch
- Explain Everything
- Book Creator (\$?)
- Fun Slides (\$)
- Remind 101

Recommended Apps (2013)

- **Instashare**
- **Impossible Game (\$)**
- **Impossible Game Lite**
- **Ruzzle**
- **4 Pics 1 Word**
- **4 Pics 1 Song**
- **River Test**
- **Clue Word**

Recommended Apps (2013)

- **Multi Flow (\$)**
- **Simple Physics (\$)**
- **Bridge Basher (\$)**
- **Isaac Newton's Gravity**
- **Timeline Builder (\$)**
- **3d Heart**
- **Visual Anatomy Lite**
- **Living Lung**

Recommended Apps (2013)

- Paper Desk
- Doodlecast (\$)
- Soundcloud
- Stop Motion Studio
- Teleprompt + (\$)

Sharing

- **What app(s) did you find to use with your classes?**
- **How will the app(s) be implemented?**

Questions & Answers



Thank you!

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