ReBoot 2K16!


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SAMR explained by students
Students still need to be taken through content. All my students should now use this cool app. Multiple approaches in the room have proven to be fun & informative. Returned control of their own learning to the students. Collaboratively, we all arrive at answers in ways I hadn’t imagined.

The SAMR journey is more about mindset than tech competence.

Original model by Ruben R. PuenteEdura
By @iPadWells more at iPad4Schools.org
But Why?

Create a more authentic, rigorous, meaningful and student-centered learning experience.
QUESTIONS TO ASK

SUBSTITUTION
What will I gain by replacing the task with new tech?

AUGMENTATION
Does the tech add new features that improve the task?

MODIFICATION
Does the task significantly change with the use of tech?

REDEFINITION
Does the tech allow for creation of new task previously unconceivable?
The Padagogy Wheel V4.0

SAMR MODEL

http://tinyurl.com/padwheelV4
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The Padagogy Wheel by Allan Carrington is licensed under a Creative Commons Attribution 3.0 Unported License. Based on a work at http://tinyurl.com/standards
Substitution

- Word Processing
- Note Taking
- Listing
- Brainstorming
- Google Searching
- Highlighting Text
- Quizzing
SUBSTITUTION TO AUGMENTATION

- Editing a document or list
- Polling using a form
- Creating a diagram
- Illustrating
- Graphing
- Diagramming
Collaborating on a document
Reflecting on a blog
Planning a digital story
Producing a team presentation
Charting results from a survey
MODIFICATION TO REDEFINITION

- Multimedia presenting
- Digital Storytelling
- Video Editing
- Publishing for the World
- Interacting with the World
Let's Take a Look: 
SCENARIOS
BUDGETING ONLINE

- Students creating Thanksgiving budget using Google spreadsheet
- Teacher created a "Hyperdoc" w/ links to different grocery stores
- Shopping "online", they write down their items and costs
- Making sure numbers fit with the given budget
QUizzes

☐ Using **Socrative**, **Kahoot** or **Edmodo** quizzes as warm up activities and lesson assessments

☐ Teacher also linked websites for extra practice to a website
POLAR BEARS

- Students are reading a blog about polar bears
- Complete a Google form with comprehension questions
- Teacher gets immediate feedback
- Have students complete a **Wordle** about themselves and display.
- Submit thesis statements through a Google Form.
- Go into the spreadsheet, cut and paste into a Wordle.
SOCRATIC SEMINAR WITH BACKCHANNEL

Socratic Seminar Discussion

Backchannel

Backchannel Moderator

Projected Backchannel On Screen
OCEAN LANDFORMS

- Students using Chromebooks to complete a webquest on ocean landforms.
- On a Google document, students write stories titled “My underwater adventure.”
- Peer edits are made collaborating on a Google Docs with three other students.
Google Slides vs. PowerPoint

- Why slides?
  - Connect with students: collaborate and interact
  - Updates and modifications are immediately available
  - Embed websites
  - Link media easily
  - Sharing is easy
The hero’s journey: geo-caching and Google Earth

- Students use a Google Form to indicate their favorite genre of literature. Teacher uses results to group students by interest.
- Students learn how to use GPS receivers to go on a scavenger hunt around campus working in teams to find clues related to the stages of a heroic journey. Using a Padlet they unscramble the clues.
And more...

- Students work in pairs, choose a piece of literature or a movie that has the stages of a heroic journey.
- After learning how to create placemarks in Google Earth, students create a Google Earth Lit Trip about their hero’s journey.
PASSPORT TO AMERICA

- Students research a country and determine why they would want to leave their country to come to the United States.
- Record in a blog.
- Research immigration station they would have traveled through (Angel or Ellis Island).
- Create an interactive compare/contrast Venn diagram.
- Using Google Maps, create a Google Maps story.
INVENTIONS: KIDS CREATE

☐ STUDENTS HAVE 15 MINUTES TO DEVELOP AN INVENTION WITH MATERIALS GIVEN TO THEM

☐ CREATE A PADLET OR GOOGLE SLIDE TO ADVERTISE THEIR INVENTION

☐ DEVELOP A SHORT VIDEO COMMERCIAL TO PERSUADE THEIR PEERS TO PURCHASE THEIR INVENTION

☐ USING COLLABORATIVE GOOGLE DOCUMENT FACILITATE A DISCUSSION
QR Codes

- QR Codes to Collect and Share Information
- QR Code It All
- Lab Safety Rules
- Short How-Do Videos
- Sign In for Tutorial Sessions
- Access Interactive Websites
US History Blogging

- Publishing blogs from the point of view of an 1850’s American
- Reading primary and secondary sources online
- Reacting to the events on their blog
Other resources

- SAMR Made Easy with Google
- SAMR Smash
- APPS Classified by SAMR
- Kathy Schrock SAMR
Apps in Education Poster

Apps classified by SAMR Model

Redefinition
Tech allows for the creation of new tasks, previously inconceivable
- Movie
- Book Creator
- EdrawMe
- ScreenChomp
- Toontastic
- Educreations
- VoiceThread
- Book Puppets
- Puppet Pets
- Nearpod

Modification
Tech allows for significant task redesign
- Popcollab
- Sketch
google
- Comic Strip
- Chrome
- Protosync
- Dual Browser
- Keynote
- QR Code Reader
- Dragon Dictation
- PDF Expert

Augmentation
Tech acts as a direct substitute, with some functional improvement
- Pages
- Google Docs
- Makifly
- Willscodes
- Grammarian
- The Elements
- Virtual Histories
- Qwiz
- Articles
- Draw on Screen

Substitution
Tech acts as a direct substitute, with no functional improvement
- Pages
- iBooks
- Symbols
- Popper
- Simplemnd
- Collage Creator
- Bamboo Paper
- Jumbo Calculator
- The Holy Bible
- Dictionary

Google Apps for Education

1. Use Tables
   Use tables to allow kids to write in the one doc without the chaos

2. Utilize Comments
   Utilize comments to draw connections between the students' ideas during the drafting process

3. Revision History
   Look over Revision History to see the process of writing unfold

4. Install Draftback
   Install the Chrome extension Draftback to watch your Revision History as a movie - great for meta-acquisition development.

5. Install Grammarly
   Install the Chrome extension Grammarly for spell check google.com

6. Read&Write for Google
   Have your students use the Read&Write for Google Chrome extension
   Especially great for lower literacy kids - the prediction tool is amazing! google.com/i2xyp

7. Suggested Edits
   Use suggested edits made for feedback, correction, drafting

8. Voice Comments
   Leave voice comments for students using Kaizena. They will remember your verbal feedback next time they are writing! google.com/DocMAK

9. Voice Typing
   Use the voice typing (Tools > Voice typing) to turn speech into text google.com/KB8Pm

10. Build a Story
    Have fun writing dialogue using Story Builder google.com/KBP8Pm