Technology Integration

1/7/2013

The 7 Habits of Highly Effective Teachers Who Use Technology

1

They always start with the why

Technology for technology's sake is dangerous. Highly effective teachers who use technology always have a reason for using new technology tools. Whether it saves them time, improves learning outcomes, or helps with lesson planning, highly effective teachers always start with the why.

2

They are malleable and can easily adapt

Technology is constantly changing, and the classroom environment will be drastically different in 2 years. Understanding the big picture is key.

3

They embrace change

Most teachers who use technology today are innovators or early adopters. Embracing (not fighting) change is key. The world hates change yet it is the only thing that has brought progress.

4

They share, share, and then share some more

Technology has opened the door for collaboration beyond the school walls. A teacher in New Brunswick can now collaborate with a teacher in the UK. Knowledge is power, but it is also free (and it should be). Technology lovers share best practices, which benefits everyone (which is the point!)

5

They think win-win-win-win

Technology cannot work properly if there is not buy-in from the administration, parents, teachers, and the student. First and foremost, there is nothing better than having an administrator embrace technology. Secondly, it is imperative that you show parents the value of technology. Thirdly, as a teacher, you have to truly believe that it can impact learning outcomes. Lastly (and most importantly), students must see the value!

6

They are extremely thorough and think two steps ahead

How are you going to present new technology at the professional development meeting, especially if you know some teachers don't embrace change? Highly effective teachers who use technology already know the answers to any question, and they have concrete examples showing its effectiveness.

7

They actively care

They actively care. Teachers who use technology typically are the ones who can't sleep at night because they are so excited about a lesson plan idea, are thinking of ways to engage their classroom, and pinch themselves at night, wondering how they get paid to inspire students. They don't just care; they actively care, and they embrace technology, not because it makes their job easier, but because it allows them to make a greater impact.

Source: http://blog.alwaysprepped.com/the-7-habits-of-highly-effective-teachers-who-use-technology/
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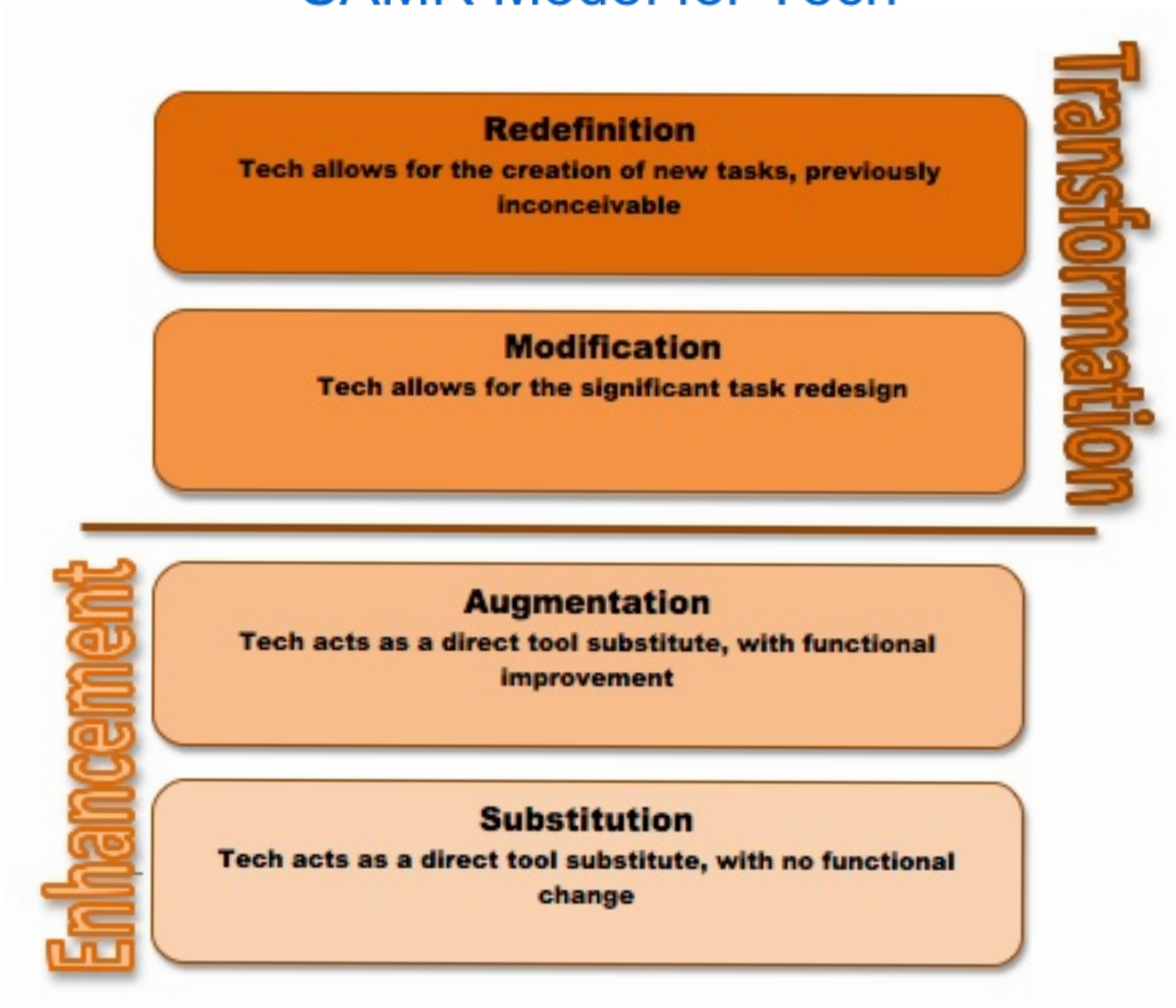
SAMR Model for Tech



Apps in Education Poster

Apps classified by SAMR Model

Redefinition

Tech allows for the creation of new tasks, previously inconceivable

iMovie | Book Creator | ShowMe | Screen Chomp | Toontastic | Edu-creations | Voicethread | Sock Puppets | Puppet Pals | Nearpod

Modification

Tech allows for significant task redesign

Flipboard | Skitch | Comic Strip | Chrome | Photosync | Dual Browser | Keynote | QR Code Reader | Dragon Dictation | Pdf Expert

Augmentation

Tech acts as a direct substitute, with some functional improvement

Pages | Google Search | Haiku Deck | Wikinodes | Grammer Jammers | The Elements | Virtual Histories | Qwiki | Articles | Draw on Screen

Substitution

Tech acts as a direct substitute, with no functional improvement

Pages | iBooks | Symbaloo | Popplet | Simplemind | Collage Creator | Bamboo Paper | Jumbo Calculator | The Holy Bible | Dictionary

THE TEACHER'S IPAD SPECTRUM

CONSUME

Monitor multiple twitter streams, hashtags, and @ responses via **tweetdeck**

Trace a character's journey in a work of fiction with **Google Earth**

Visualize how certain themes or motifs emerge from certain geographical regions, and infer the cause-effects relationships that may contribute to that with **Google Earth**

View presentations that model elaborate multimedia idea development with **Prezi**

Skim channels to identify non-obvious but "real" examples of "academic" ideas--bias, straw man arguments, the scientific method at work, allegory, modern civil rights issues, etc. using **YouTube**

Listen to podcasts to gain context on an issue via **Downcast**

Practice math or economic problems as pure test-prep with **Khan Academy**

Take notes--and record lecture and group discussion sound--using **CaptureNotes 2**

COLLABORATE

Evaluate credibility of a website, blog post, or social media comment with **Skitch**

Haphazardly curate relevant tidbits or sources--and then collaboratively reorder content with **Pearltrees**

Plan necessary project details with **Wunderlist**

Peer-supported writing process with **Google Docs**

Connect with mentors or experts via **Twitter**

Collaboratively pin images of a competitor's design when mock-planning a startup via **Pinterest**

Backwards plan projects and related due-dates using **iCalendar**

Record group work daily for reflection, self-assessment, and digital portfolio curation with **Evernote**

Aggregate constant info streams to skim via **Pulse**

"Crowdsource" implicit themes or character development in the study of a novel with **Edmodo**

PRODUCE

Create "layered" documents that use hypertext to embed supporting sources or media with **Google Docs**

Create a concept map to explain the relationship between a YouTube video and the suggested **YouTube** videos

Collect visual evidence of a problem, issue, or event using **Instagram**

Demonstrate the spread of a philosophical idea using **Google Maps**

Create infographics that further expository writing where one form provides info the other struggles to using **visual.ly**

Liveblog a personal or academic event via **Storify**

Create photo collage to demonstrate impact of pollution, litter, or even genocide using **Diptic**

Create podcasts to communicate with parents (dates, projects, exams, learning targets) using **Audioboo**

Reflect on metacognitive progress through a unit or project using representative images via **flickr**