



SAMRai  
RESOURCES AND HANDOUTS  
**michael-vaughn.com**

@michaelavaughn

so about today...

**Instructional Technologist**  
Teaching & Learning Technologies

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**Instructional**  
Teaching &  
Learning

**Technologist**  
Technologies

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**Technologist**  
Technologies

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The Moodle Guy

@michaeltweaghe

Teaching  
Learning  
Instruction

Things I  
use to help  
people

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product

process

What tool  
do you want  
to use?

What are the  
students  
doing?

Here's this  
new tool!  
(that has nothing to do  
with your teaching)

What are the  
pedagogical  
goals?



let's talk about  
**ed tech and you**

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why does ed tech  
**sometimes fail?**

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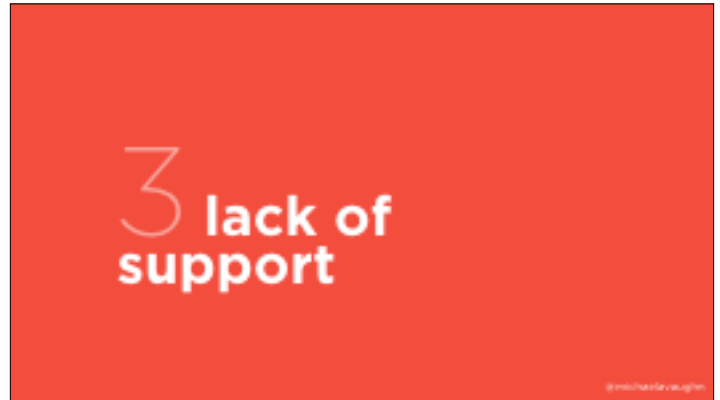
three  
**reasons**  
(but not excuses)

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1 **unrealistic  
expectations**

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**frustration**

@michafrave.gtm



**fear**

@michafrave.gtm



**fof**

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fear  
**of failure**

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fear  
**of foolishness**

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**lack of**  
support

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fighting  
**myths**

*that have  
elements of truth*

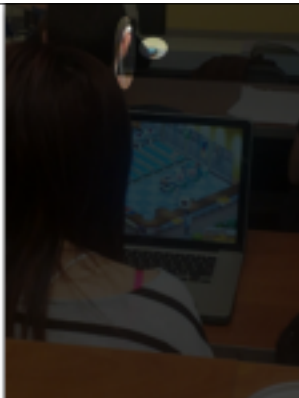
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technology can  
**be a distraction**

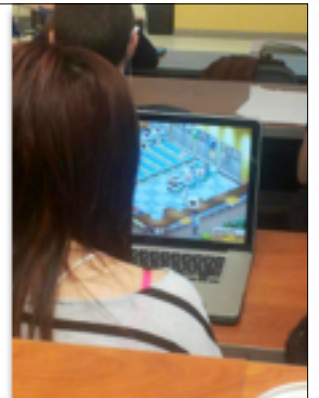
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All this technology is making us antisocial



What pedagogical strategy are you using that your students are taking notes for an hour and forty minutes?



how can we  
**do better?**

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accepting  
**two truths**

*generally speaking*

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technology  
**changes behavior**

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**2006**

Don't get in strangers' cars  
Don't meet people from  
the Internet

**2016**

Literally summon strangers  
from the Internet to get in  
their car

educational needs  
**have changed**

*with technology*

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Maslow-ish Hierarchy of Needs



class.hack.com



class.hack.com

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three  
**virtues**  
of SAMRai

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1 **pragmatism**

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Technology is  
not perfect.



Technology is a tool,  
not a learning outcome.



2 **restraint**

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 **Brent Smith**  
@brentonsmith Following

Taking notes with pen and paper is not the absence of technology as much as the application of the most effective technology  
[#elontic15](#)

3 intention

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what are students doing?

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**make a prezi** **raise awareness**

**write  
a blog**

**start  
conversations**

**make  
videos**

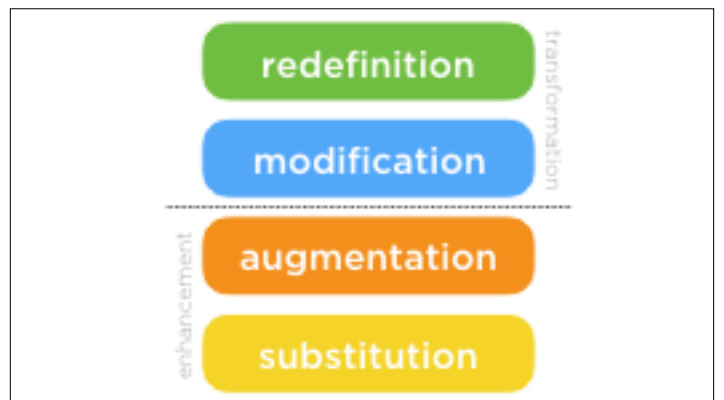
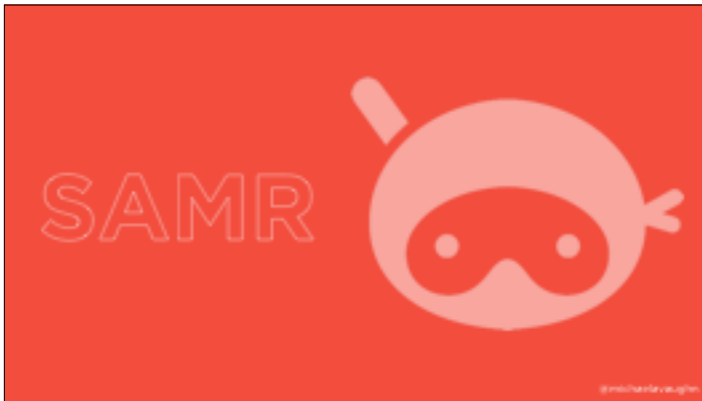
**make a  
difference**

**product**

**purpose**

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**pragmatism**  
**restraint**  
**intention**





reflect and share  
their experiences

substitution



redefinition

modification

augmentation

substitution

write a  
reflective journal

substitution



redefinition

modification

augmentation

substitution

augmentation



redefinition

modification

augmentation

substitution

incorporate  
links and photos



augmentation



redefinition  
modification  
augmentation  
substitution

modification



redefinition  
modification  
augmentation  
substitution




write a class blog

modification

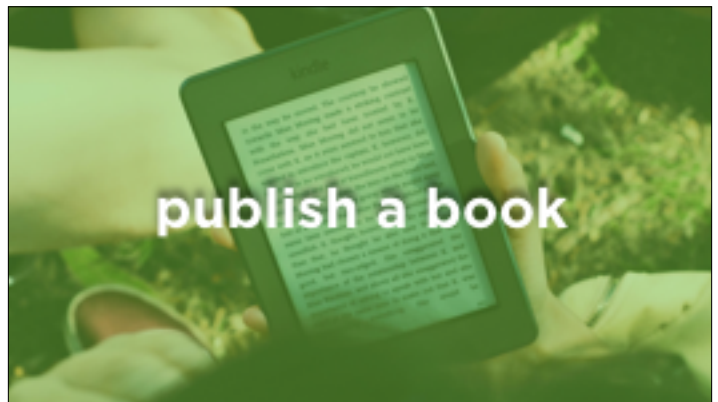


redefinition  
modification  
augmentation  
substitution

redefinition



redefinition  
modification  
augmentation  
substitution



publish a book

redefinition

modification

augmentation

substitution

redefinition

modification

augmentation

substitution

transformation

enhancement

substitution

redefinition

modification

augmentation

substitution

augmentation

redefinition

modification

augmentation

substitution

modification

redefinition

modification

augmentation

substitution

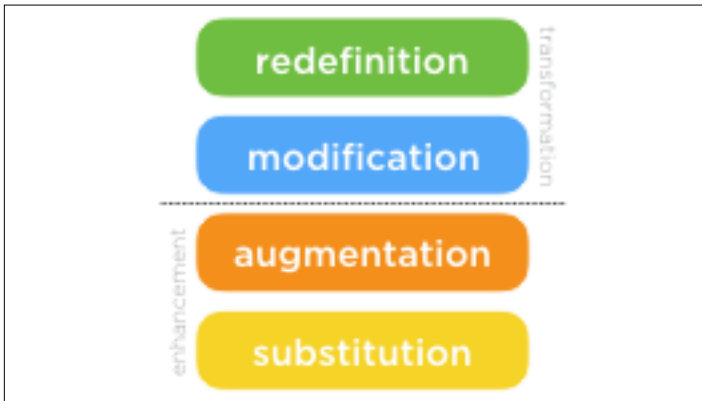
redefinition

redefinition

modification

augmentation

substitution



acknowledging  
**challenges**

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SAMR levels  
**are subjective**



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lower levels  
**aren't necessarily bad**

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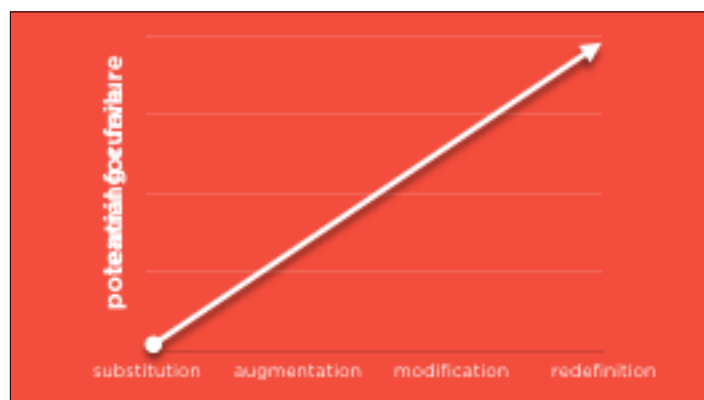
 immediate results	 can't see results until they're run
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 <p>detailed analysis of questions available at any time</p>	 <p>have to choose the analysis you want when the tests are run</p>
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 <p>eco-friendly</p>	 <p>Elon used <b>1.3 miles</b> of Scantrons in Fall 2015</p>
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augmentation



and  
**finally**

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