Authentic Assessment for Online Learning

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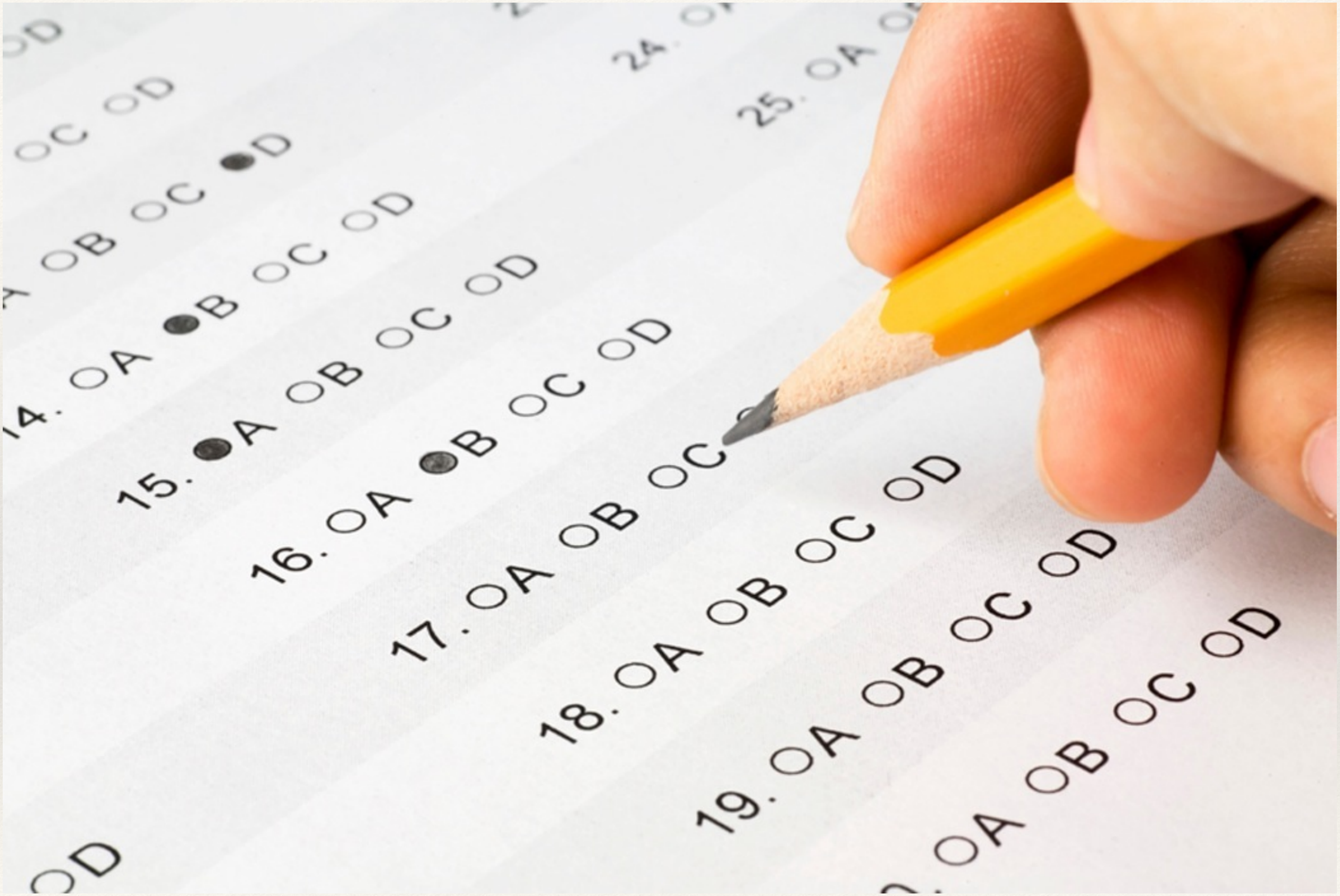
"The Tech Twins"

INTRODUCTION



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HOW

WILL STUDENTS DEMONSTRATE THEIR LEARNING?
WHAT TYPES OF ASSESSMENTS WILL YOU USE?
ANALYSIS
TEAMS - GROUP WORK
COLLABORATION
CREATIVITY
VIDEOS
AUDIO
EVALUATING
REMEMBERING
ONLINE QUIZ
FORUM DISCUSSIONS
CASE STUDIES
UNDERSTANDING
APPLYING
ESSAYS
BLOG POSTS
*EASY TO GRADE
*ASSUME OPEN BOOK

Vulnerability of Critical Infrastructures

, 2014 7:44 PM ☆ Subscribe

Looking at vulnerabilities of critical infrastructure even almo
still should be addressed. One of these in the water supply.
depend on daily. This is also a life sustaining resource. In fa
river doesn't reach the Pacific Ocean because its supply is us
resource is vital to securing this resource for the future (Hek
this resource has the ability to interrupt economic, social, an

Mitigating this type pf critical infrastructure is difficult beca
used for. Constant monitoring at key points of its use is one
altered. Unfortunately there are many substances that can b
Much is treated and though there are many vulnerabilities ir
create toxic levels and targeting a specific population can be
can make both of these threats difficult to carry out.

Reply to Thread

Filter by: Unread Flagged

If, as you point out in your last paragraph, it would b
the volume of toxic material that would be necessary to survive dilution and water treatment facilities, I am curious as to why you chose this as your answer to the question?

Also, remember that you need to give the full reference citation for your sources - not just in-text.

Thanks.

AAL

Reply

Do you have any thoughts or theories on how we can protect the water supply? Also, do you see the inability of the Santa Fe river (and similar watersources) to provide water for everyone be something that needs to be addressed? And how?

Thread: Very interesting

Select: All None | Message Actions | Expand All | Collapse All

Very interesting

I was most intriqued by the amount of stress the characters seemed to go through. I could really relate to that.

Reply

RE: Very interesting

Good post. me too.

Select: All None | Message Actions | Expand All | Collapse All

Traditional Discussion Boards

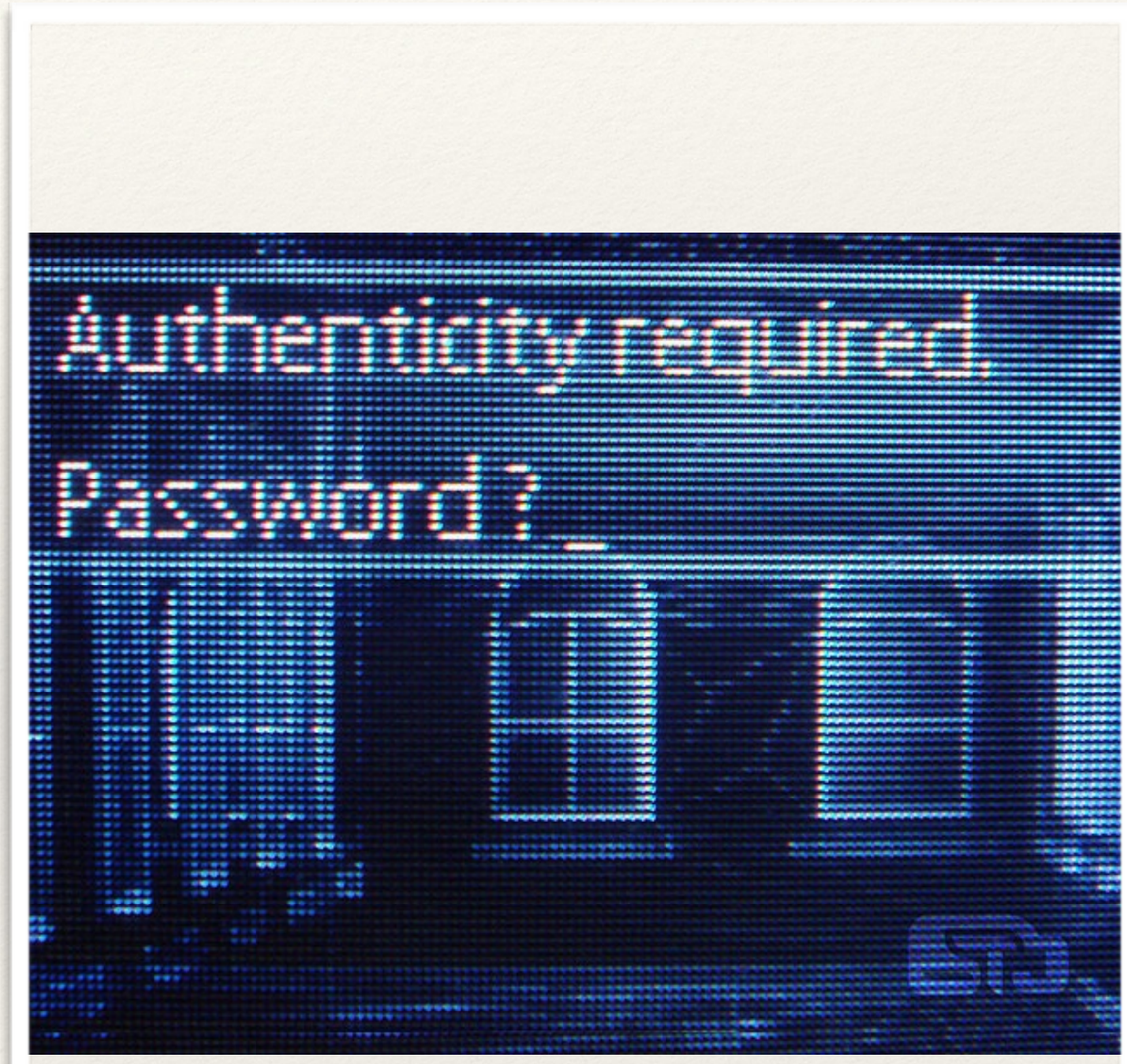
* Definition *

Authentic Assessment

is….

"An assessment task is one that is realistic and values worthwhile skills and strategies."

(Wiggins, 1998, 2002)



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Traditional Assessments	Authentic Assessments
Curriculum drives the assessment	Assessment drives the curriculum
Selecting a response	Performing a task
Contrived	Real-life
Recall / recognition	Construction / application
Teacher-structured	Student-structured
Indirect evidence	Direct evidence
Discourage teaching to the test	Encourage teaching to the test

Photo Credit: http://tlc.provost.gwu.edu/authentic-assessment

Traditional vs. Authentic

Demonstration of Learning

Photo Credit: Ed Yourdon via Compfight cc

Why We Care…

* Imitates real life

* Performance-based

* Demonstrates understanding

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Who Can Use It?

* Online classes

* Face-to-face classes

* Blended classes

Photo Credit: http://en.wikipedia.org/wiki/Typing

Activities

* Engage students

* Gather data

*Bring the world

to the students

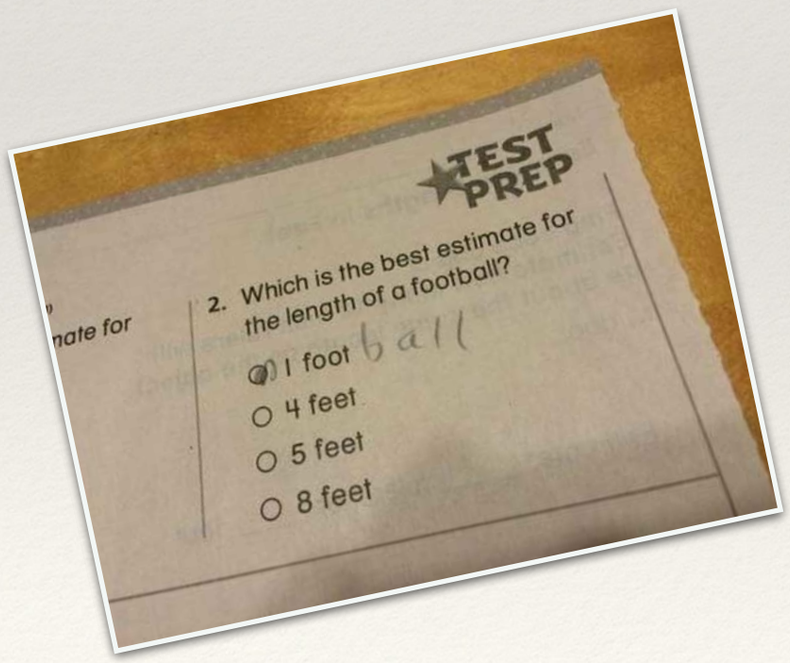
Photo Credit: http://pixabay.com/en/hands-protection-protect-tree-65342/

CHARACTERISTICS

* Real-life scenarios

* Transferrable skills/ lifelong learning

COMMON CORE
STATE STANDARDS INITIATIVE
PREPARING AMERICA'S STUDENTS FOR COLLEGE & CAREER



* Multiple possible outcomes: More than one right answer

* Requires problem solving

* More fun!

* Challenges *

Photo Credit: roujo via Compfight cc

* Student expectations (or lack there of)

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* Instructor time constraints

* Benefits *

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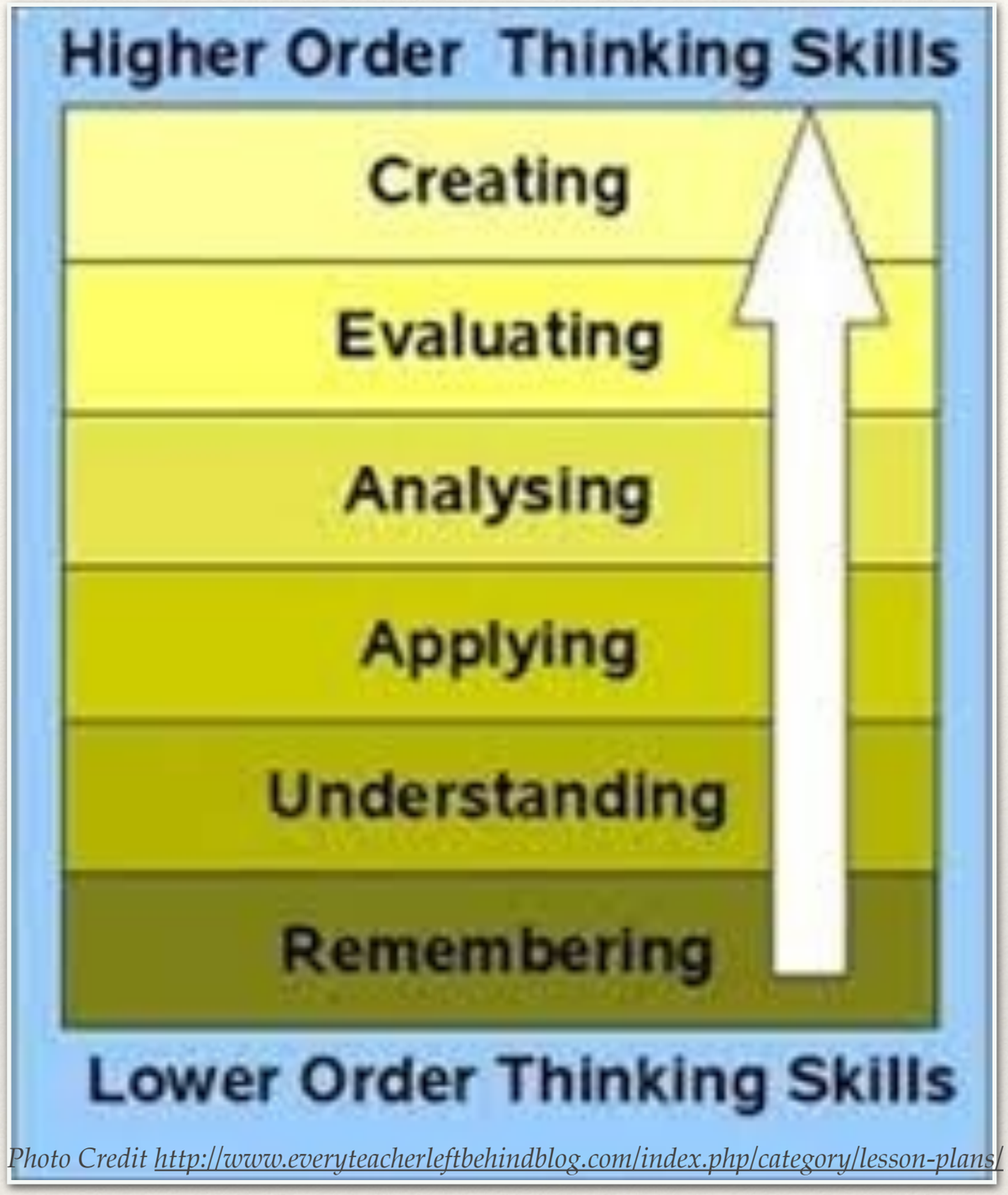


Photo Credit http://www.everyteacherleftbehindblog.com/index.php/category/lesson-plans/

* HOT Skills (Higher Order Thinking)

* Real world applicability

* Collaborative learning environment

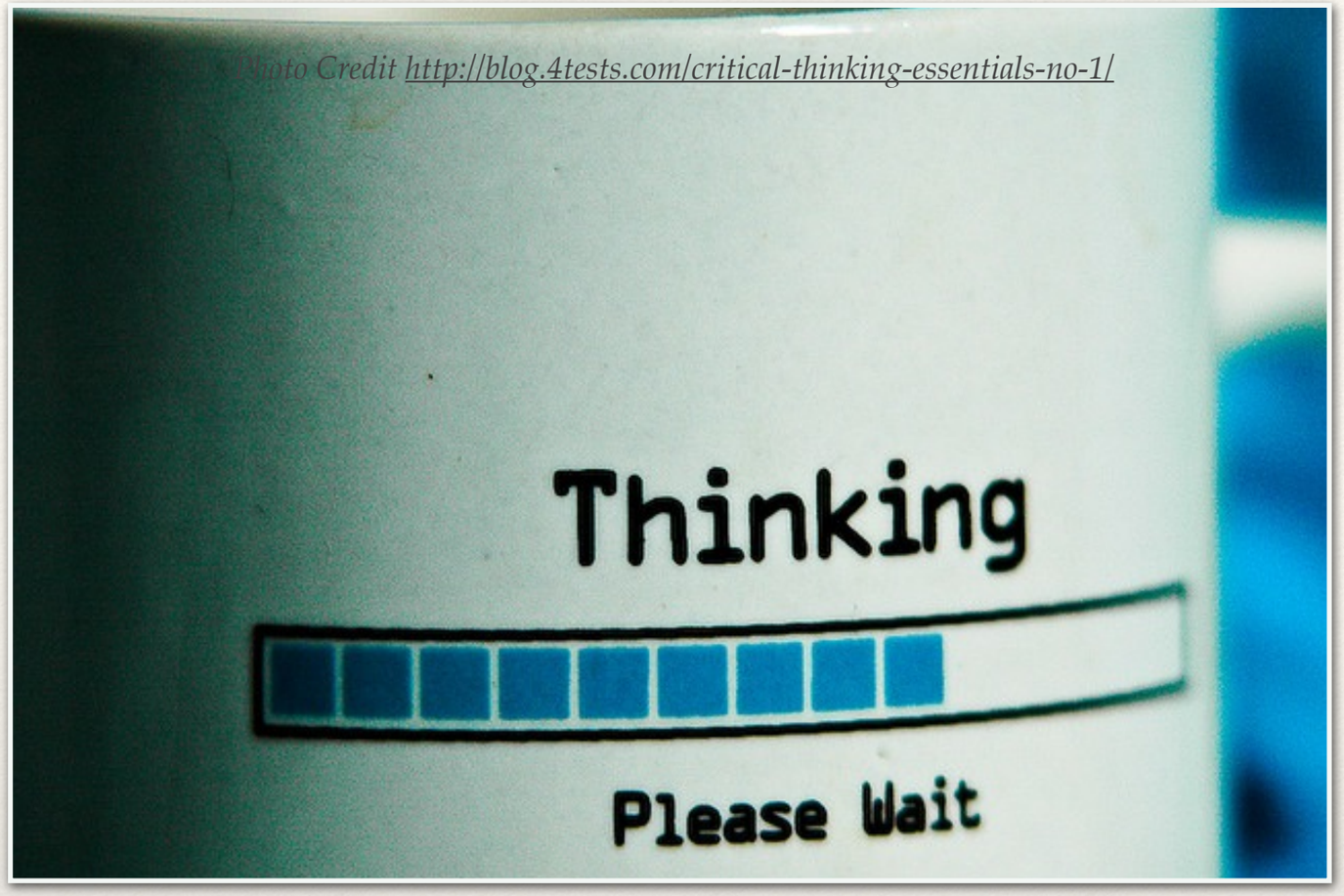


Photo Credit http://blog.4tests.com/critical-thinking-essentials-no-1/

* Comprehension:
-check for understanding
-provide immediate feedback

* Cross-curricular

Photo Credit http://commons.wikimedia.org/wiki/File:Interior_view_of_Stockholm_Public_Library.jpg

* * LEARNING EXPERIENCES & TECH TOOLS * *

* Concept Mapping *

Tech Tools:

* MindMeister

* Coggle

* bubbl.us

* Popplet

Use to Assess:

* Synthesis

* Brainstorming

* Research topic development

* Online Presentations *

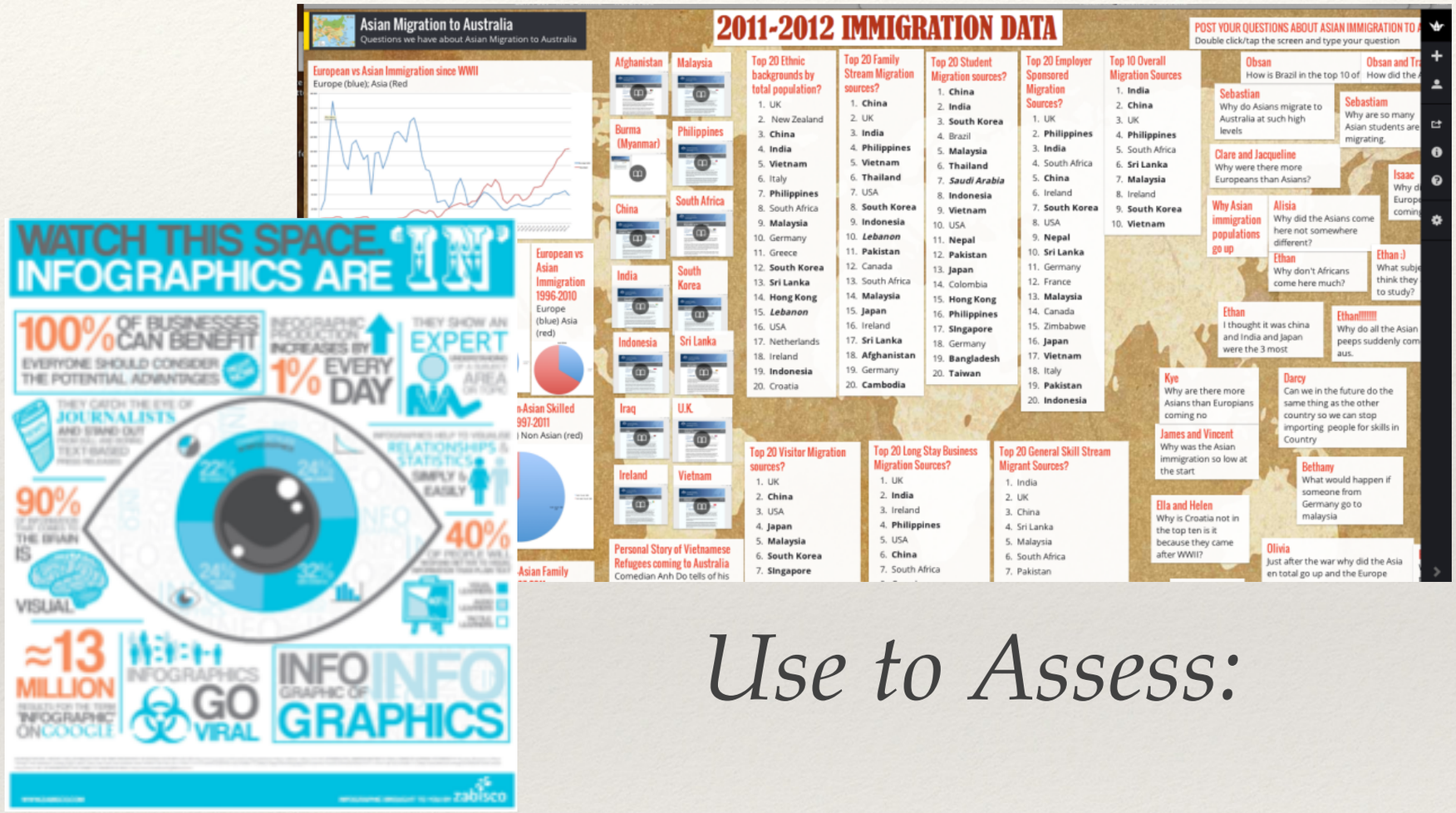
Tech Tools:

* Prezi

* Google Docs

* Padlet

* Infographic makers
  (Piktochart
  & easel.ly)



Use to Assess:

* Presentation of materials

* Research projects

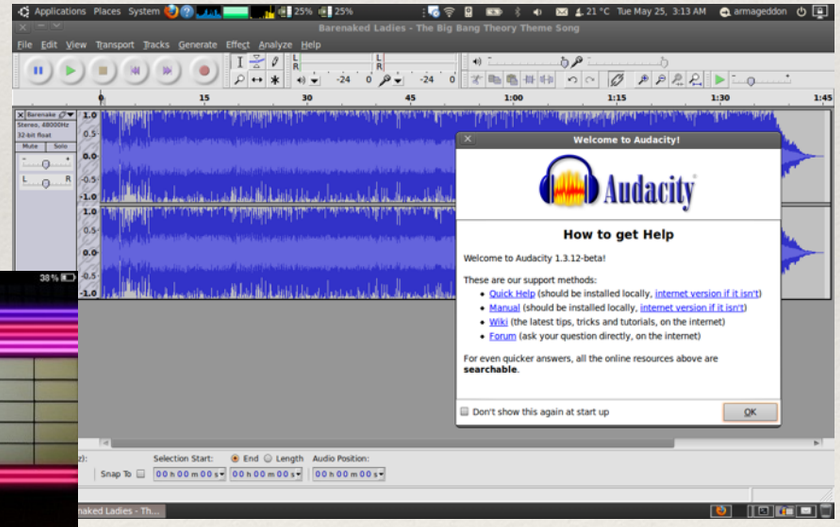
* Summative assessments

* Multimedia *

Tech Tools:

* Blogs (KidBlog, Blogger)

* Podcats (Audacity)



* Videos (iMovie)

Use to Assess:

* Demonstrations
* Experiments
* Story retelling

* WebQuests *

Tech Tools:

* Skype

* Twitter

* Google Earth/Maps

* Variety of websites

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Photo Credit: http://en.wikipedia.org/wiki/Gray's_Inn_Road

Photo Credit: http://en.wikipedia.org/wiki/Akron,_Ohio

Use to Assess:

* Digital literacy

* Real life skills

* Curriculum concepts

* Letter to the Editor *

Tech Tools:

* WordPress / EduBlogs

* Social media (Twitter, Facebook, LinkedIn)

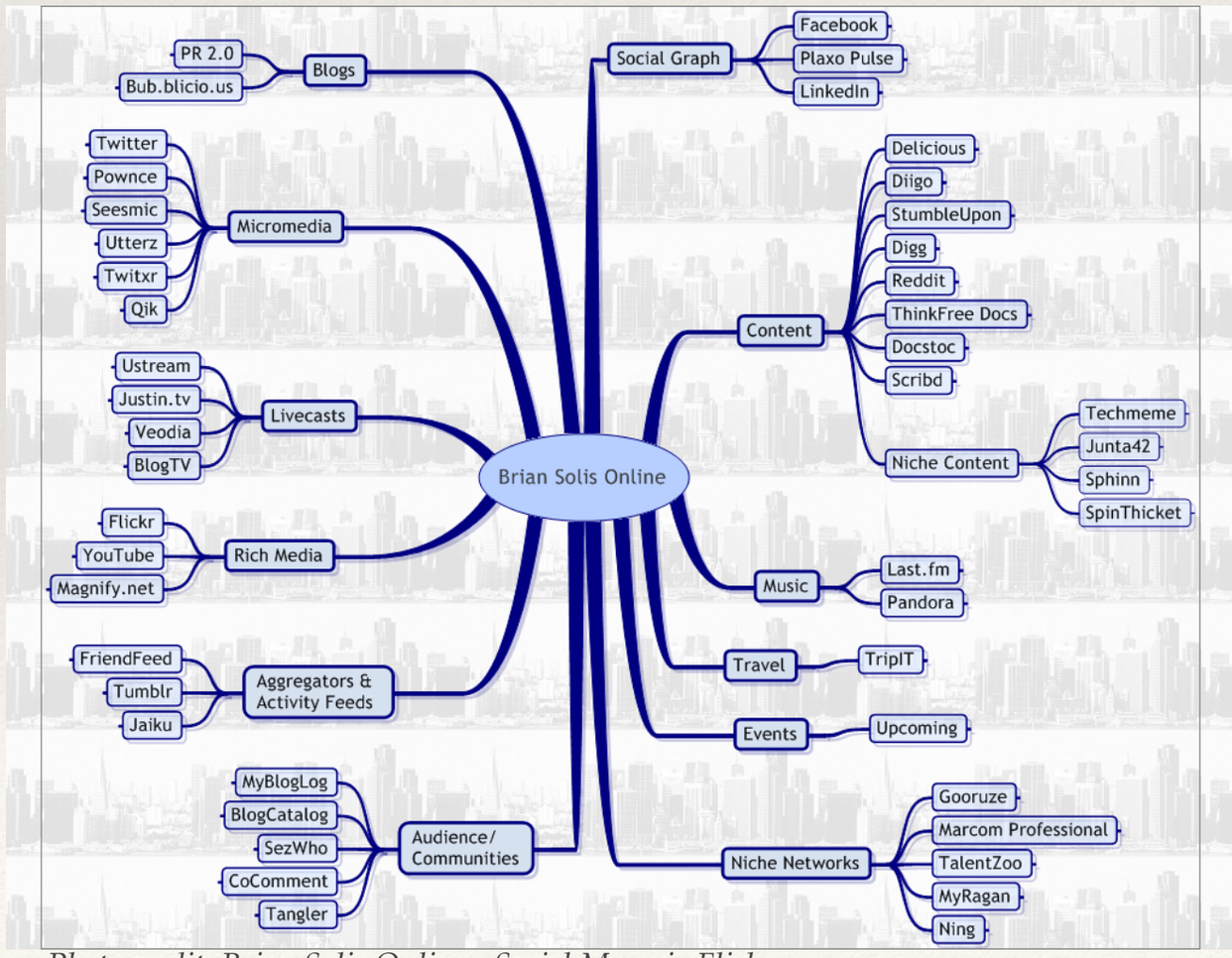

Photo credit: Brian Solis Online - Social Map via Flickr

Use to Assess:

* Scholarship as conversation

* Transferable skills

* Collaboration

* ePortfolios *

Tech Tools:

* Weebly

* Wix

* Google

* Edublogs / WordPress

Photo Credit: @lee_ballantyne via Compfight cc

Use to Assess:

* Semester long projects

* Culmination of data gathering

* Synthesis of information

HELPFUL GUIDELINES

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* Tie to learning outcomes

* Communicate applicability: "So what?"

* Rubrics *

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* Scaffold assignments & feedback

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Bottom Line: If you have fun, your students will, too!

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