Authentic Assessment for Online Learning

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"The Tech Twins"
**INTRODUCTION**
HOW

WILL STUDENTS DEMONSTRATE THEIR LEARNING?

WHAT

TYPES OF ASSESSMENTS WILL YOU USE?

- ONLINE QUIZ
- FORUM DISCUSSIONS
- CASE STUDIES
- APPLYING
- ESSAYS
- BLOG POSTS

- CREATIVITY
- VIDEOS
- AUDIO
- EVALUATING
- RESEARCH
- CLEANING

EASY TO GRADE
ASSUME OPEN BOOK

COLLABORATION
TEAMWORK
GROUP WORK
Looking at vulnerabilities of critical infrastructure even in areas that seem to still be addressed. One of these in the water supply. The water supply depends on daily. This is also a life sustaining resource. In fact, if the Pacific Ocean because its supply is used for this resource is vital to securing this resource for the future (Hektor) this resource has the ability to interrupt economic, social, and political stability.

Mitigating this type of critical infrastructure is difficult because it is used for. Constant monitoring at key points of its use is one way to alter. Unfortunately there are many substances that can be altered. Much is treated and though there are many vulnerabilities in creating toxic levels and targeting a specific population can be made both of these threats difficult to carry out.

If, as you point out in your last paragraph, it would be"; 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

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?
* Definition *

Authentic Assessment is....

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

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

Photo Credit: [http://tlc.provost.gwu.edu/authentic-assessment](http://tlc.provost.gwu.edu/authentic-assessment)
Demonstration of Learning
Why We Care...

* Imitates real life

* Performance-based

* Demonstrates understanding

Photo Credit: https://www.flickr.com/photos/colinkinner/2200500024/
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

* * CHARACTERISTICS * *
* Real-life scenarios

* Transferrable skills/lifelong learning

* Multiple possible outcomes: More than one right answer
* More fun!

* Requires problem solving
* Challenges *
* Student expectations (or lack there of)
* Instructor time constraints
* Benefits *

Photo Credit: http://commons.wikimedia.org/wiki/File:The_Thumbs_up_position.jpg
* HOT Skills (Higher Order Thinking)

* Real world applicability

* Collaborative learning environment

Photo Credit: http://www.everyteacherleftbehindblog.com/index.php/category/lesson-plans/
* Comprehension:
  - check for understanding
  - provide immediate feedback

* Cross-curricular
** 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)

* Podcasts (Audacity)

* Videos (iMovie)

Use to Assess:

* Demonstrations

* Experiments

* Story retelling
**WebQuests**

**Tech Tools:**
- Skype
- Twitter
- Google Earth/Maps
- Variety of websites

**Use to Assess:**
- Digital literacy
- Real life skills
- Curriculum concepts
Letter to the Editor

Tech Tools:

* WordPress / EduBlogs
* Social media (Twitter, Facebook, LinkedIn)

Use to Assess:

* Scholarship as conversation
* Transferable skills
* Collaboration
ePortfolios

Tech Tools:

* Weebly
* Wix
* Google
* Edublogs / WordPress

Use to Assess:

* Semester long projects
* Culmination of data gathering
* Synthesis of information
HELPFUL GUIDELINES
* Tie to learning outcomes

* Communicate applicability: “So what?”
Rubrics
* Scaffold assignments & feedback
Bottom Line: If you have fun, your students will, too!