Promoting Engaged, Connected, and Reflective Learners through Educational Technology

Kelly Warnock
Instructional Designer, Thompson Rivers University
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Setting the stage...

1. How do you keep students engaged and motivated?
2. How do your students practice English outside of the classroom?
3. What 21st century skills do you promote in your ESL class?
4. How do you use educational technology?
What’s the plan?

1. Discuss effective use educational technology as a tool to promote engaged, connected, and reflective learners.

   - Discuss strategies for motivating students in class and through assessments
   - Brainstorm opportunities for students to use their language skills outside of the classroom
   - Consider how to promote reflective learning and critical thinking through technology
Planning Engaging Lessons

What questions do teachers ask?
What do we want learners to gain?

Knowledge + Skills + Attitudes

Image from: http://www.the-happy-manager.com/articles/what-makes-a-great-manager/
How will students demonstrate their learning?
How are the assignments connected?

LEARNING OUTCOMES

ASSESSMENTS

LEARNING ACTIVITIES
What 21st century skills do we want to promote?

- Critical Thinking
- Problem Solving
- Application
- Collaboration
- Communication
- Creativity
- Global Awareness
- Digital Literacies

BLOOM’S TAXONOMY, 1956
Should we vary assessments?

FOR A FAIR SELECTION EVERYBODY HAS TO TAKE THE SAME EXAM! PLEASE CLIMB THAT TREE

http://searchingeyes.files.wordpress.com/2012/06/assessment-comic-climb-tree.jpg
Do the activities & assessments appeal to various learning styles?

Barbe et al. 1979; Fleming's VARK, 1995
Do the assessments recognize ways of expressing learning?

Gardner’s Multiple Intelligences, 1983

From: http://www.edusynapse.com/info/mi/
Are there opportunities to grow?

<table>
<thead>
<tr>
<th>Formative</th>
<th>Summative</th>
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</thead>
<tbody>
<tr>
<td>• Diagnostic Tests</td>
<td>• Tests, quizzes, exams</td>
</tr>
<tr>
<td>• Observations</td>
<td>• Presentations, Discussions and Debates</td>
</tr>
<tr>
<td>• Peer/Instructor Review</td>
<td>• Assignments &amp; Projects (individual, group)</td>
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<tr>
<td>• Practice Questions and Self Tests</td>
<td></td>
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<tr>
<td>• Self Reflection, Discussions</td>
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<tr>
<td>• Presentations</td>
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</tbody>
</table>

Scriven, 1967

Using educational technology in our assessments

"If we teach today as we taught yesterday, we rob our children of tomorrow."

John Dewey
## Assessment

<table>
<thead>
<tr>
<th>Traditional / Familiar</th>
<th>Tech-based</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Tests/Quizzes</td>
<td>Websites</td>
</tr>
<tr>
<td>• Essays</td>
<td>• Blogs /E-Portfolio / Wikis</td>
</tr>
<tr>
<td>• Journals</td>
<td>Multimedia Production</td>
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<tr>
<td>• Presentations</td>
<td>• Videos, PowerPoint</td>
</tr>
<tr>
<td>• Discussions</td>
<td>Social Media</td>
</tr>
<tr>
<td>• Group Projects</td>
<td>• Twitter, Facebook, Pinterest</td>
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</tbody>
</table>

### Engaging Activities
- Simulations, Games
Questions to Consider

1. What kinds of technology are students already using?
2. What technology can you use in your class?
Educational Technology

1. Blogs
2. E-Portfolios
3. Wikis
4. Multimedia Production
5. Digital Storytelling
6. Presentations
7. Graphic Organizers
8. Social Media
9. Surveys / Polls
10. Games / Simulations
Blogs

Share learning experiences online.

WBLT Portfolio for Kelly Warnock

THURSDAY, 5 FEBRUARY 2009

Introduction to my WBLT Portfolio

Welcome to my portfolio for Web-Based Learning & Teaching!

My name is Kelly Warnock and I am an elementary school teacher from Vancouver, Canada. My purpose in taking this course is to develop a better understanding of e-learning and to research ways to use online activities in the classroom. I have taught grades 1-10 as well as ESL classes in Canada and Japan. In my elementary and ESL classes I use web-quests and other online investigations for a number of units, so I would like...
E-Portfolios

Collect, select, reflect, and share learning.

Kelly Warnock's Teaching Portfolio

Under construction!

Search

Home Resume Instructional Design University ESL Elementary

Interests

In the links under University ESL, I have put some of the resources I have used (created & modified), including worksheets, quizzes, PowerPoints, YouTube videos, course plans, and helpful web links. Feel free to download & use in your own classrooms.

Teaching English As A Second Language

I've taught ESL in several different settings over the past 10 years. Whether it's in a short-term summer program for 5 year olds, a university academic writing class, or in a rural Japanese classroom, I absolutely love teaching English! Below are some pictures of my year teaching in Onagawa, a small fishing village in Japan. I've also included a couple pictures of my Canadian ESL classes. Check out the ESL links for worksheets, quizzes, PowerPoints, YouTube videos, course plans, and helpful web links. Enjoy!
Wikis

Collaborate and share resources.

http://kumu.tru.ca/Documentation:ESLforPrimaryTeachers
Multimedia Production

Create and share videos.

Still I Rise
by
Maya Angelou

International Day
of the
Girl Child

Presentation
by
Gail Morong
Digital Storytelling

Create and share stories.

https://storybird.com/
Presentations

Vary presentation styles and techniques.
Graphic Organizers
Organize information.

- mango
- lemon
- pineapple
- durian
- red plum
- cherry
- rambutan
- gooseberry
- apple
- pear
- star fruit
- watermelon
- grapes
- kiwi fruit
- lime

**appearance (adjectives)**
- soft
- ripe
- overripe

**taste (adjectives)**
- sour
- chewy
- juicy
- bitter
- sharp
- sweet

http://creately.com/
http://vizualize.me/

https://developers.google.com/chart/interactive/docs/gallery
http://timeglider.com/
http://www.tiki-toki.com/
Social Media

Share, discuss, network, and publish.
Surveys / Polls

Get feedback from students, friends, family, colleagues, etc.

https://www.surveymonkey.com/

https://www.polleverywhere.com/
Simulations

Experiential, immersive, problem-based, learning
(Kolb & Fry, 1975)
Games
Create and share games.

Image from: http://vivavibilityblog.com/survey-tip/

https://jeopardylabs.com/
Educational Technology

- Wikis
- Simulations
- Media
- Videos
- Polls
- Moodle
- Games
- Mobile Technology
- Online Tools
- E-Portfolios
- Graphics
- Social Media
- Presentations
- PowerPoint
- Surveys
Using Technology in Assessments

Challenges
- Technology
- Marking
- Privacy

Benefits
- 21\(^{st}\) Century Skills
- Student-Centred
- Engaging
Question to Consider

How do you use educational technology as a tool to promote engaged, connected, and reflective learners?

Image from: https://www.kamloopshikingclub.net/membership-information/
Education is...

“The function of education is to teach one to think intensively and to think critically. **Intelligence** plus **character** - that is the goal of true education.”

*Martin Luther King Jr.*

Questions or Comments?

Feel free to contact me!

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250-852-6336

See more Ed Tech links at:
• http://kumu.tru.ca/Documentation:ESLforPrimaryTeachers
• https://kumu.tru.ca/Documentation:Digital_Toolbox