Masterclass Part One:
Where Are You R2D2?: Addressing Diverse Learner Needs with the Read, Reflect, Display, and Do Model

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Ok, Million Dollar Question: What words come to mind when I say that I want to motivate learners?

Framework #1: TEC-VARIETY for Online Motivation and Retention
1. Tone/Climate: Psych Safety, Comfort, Belonging
2. Encouragement, Feedback: Responsive, Supports
3. Curiosity: Fun, Fantasy, Control
...  
4. Variety: Novelty, Intrigue, Unknowns
5. Autonomy: Choice: Flexibility, Opportunities
6. Relevance: Meaningful, Authentic, Interesting
7. Interactive: Collaborative, Team-Based, Community
8. Engagement: Effort, Involvement, Excitement
9. Tension: Challenge, Dissonance, Controversy
10. Yields Products: Goal Driven, Products, Success, Ownership

What words come to mind for addressing diverse learner needs?

Framework: #2:
The R2D2 Model

Empowering Online Learning
100+ Activities for Society, Reflecting, Discerning & Doing
The R2D2 Method

1. Read (Auditory and Verbal Learners)
2. Reflect (Reflective Learners)
3. Display (Visual Learners)
4. Do (Tactile, Kinesthetic, Exploratory Learners)

1. Auditory or Verbal Learners

- Auditory and verbal learners prefer words, spoken or written explanations.

Read 1a. Wikibook or Wikipedia Editing or Critiques
- Ask students to critique a wikibook or page from Wikipedia

Read 1b. Reading from Open Access Journals (e.g., PLOS)

Read 1c. Course Announcements (e.g., Teaching with Twitter; Course announcements and following people (e.g., microblogging)

Read 1d. Listen to Open Access Podcast Shows (and write papers)
2. Reflective and Observational Learners

- Reflective and observational learners prefer to reflect, observe, view, and watch learning; they make careful judgments and view things from different perspectives.

Reflect 2a. Individual Blogging Reflections

Reflect 2b. Critical Friend Blog Postings (Kristen and Susan)

Blogging Questions
1. Who has a blog?
2. Who regularly reads other people's blogs?
3. Who assigns blogging tasks?
4. Who has created a video blog?
5. Who thinks it is an utter waste of time to blog?
Reflect 2c. Expert and Domain Specific Blog Reflections
(English, Health, Business, etc. blogs)

Reflect 2d. Cultural Blogs (e.g., Dr. Kim Foreman,
San Fran State University, Come and See Africa Blog;
http://comeandseearica.blogspot.com/)

Reflect 2e. Workplace and Field Reflections

Reflect 2f. Scenario Learning
(Option 6, Bloomington, IN)

Reflect 2g. Case and Online Discussion (Kelley Direct, IU)

3. Visual Learners
- Visual learners prefer diagrams, flowcharts, timelines, pictures, films, and demonstrations.
Display 3m. Virtual Bones
The Virtual Zooarchaeology of the Arctic Project (VZAP) is a virtual, interactive, osteological reference collection for the study of northern vertebrates...examine the complete skeletal anat...mammal, and fish species in both 2D and 3D. (Anthropologist: Puts in Idaho Museum's Mary Boesl Within Virtual Netch, Peter Mongaghan, July 10, 2011, Chronicle of IL)

Display 3n. Online History Portals and Resources (e.g., Civil Rights Digital Library and Amistad)

Display 3o. Virtual Tours and Timelines (i.e., HyperHistory; http://simile.mit.edu/timeline/)

Virtual Tour of Oxford

Section 1: The Bodleian Library
- A virtual tour of the Bodleian Library
- The history and significance of the library
- Interactive exhibits

Section 2: The University of Oxford
- A historical overview of the university
- Famous alumni
- Current students and faculty

Display 3p. Online News Stories
Frontier Airlines employees sharing concerns over impending layoffs, WTMJ News, Feb 14, 2012

4. Tactile/Kinesthetic Learners
- Tactile/kinesthetic senses can be engaged in the learning process by role play, dramatization, cooperative games, simulations, creative movement and dance, multi-sensory activities, manipulatives and hands-on projects.

Do 4a. Podcast Productions and Shows
Poll: Podcast Questions
a. Who has listened to a podcast?
b. Who listens to a certain podcast on a regular basis?
c. Who has created a podcast?
d. Who has created a vodcast?
e. Who thinks podcasting is simply more talking heads?

Do 4b. Paired Article Critiques in Blogs
Students sign up to give feedback on each other’s article reviews posted to their blogs.

<table>
<thead>
<tr>
<th>Article</th>
<th>Academic Critiqued</th>
<th>Student Peer Review</th>
</tr>
</thead>
<tbody>
<tr>
<td>Article A</td>
<td>Acme Company</td>
<td>Bob blog</td>
</tr>
<tr>
<td>Article B</td>
<td>Beta Inc.</td>
<td>Carol blog</td>
</tr>
<tr>
<td>Article C</td>
<td>Gamma Corp</td>
<td>Dave blog</td>
</tr>
<tr>
<td>Article D</td>
<td>Delta Ltd</td>
<td>Eve blog</td>
</tr>
</tbody>
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Poll: Wiki Questions
a. Who regularly reads Wikipedia articles just for fun?
b. Who regularly reads Wikibooks?
c. Who seeks Wikipedia for content?
d. Who has edited or written new articles on Wikipedia or Wikibooks?
e. Who thinks it is ok for students to cite from Wikipedia?

Do 4c. Virtual Microscopes
(Sungkyunkwan University School of Medicine, www.mededu.or.kr)

Do 4d. Virtual Quizzes
(Sungkyunkwan University School of Medicine, www.mededu.or.kr)

Do 4e. Virtual Worlds
(e.g., Second Life)
Recap #1: The TEC-VARIETY Model
- Tone/Climate
- Encouragement, Feedback
- Curiosity
- Variety
- Autonomy
- Relevance
- Interactive
- Engagement
- Tension
- Yields Products

Recap #2: The R2D2 Method
1. Read (Auditory and Verbal Learners)
2. Reflect (Reflective Learners)
3. Display (Visual Learners)
4. Do (Tactile, Kinesthetic, Exploratory Learners)

Poll #1: How many ideas did you get so far?
1. 0 if I am lucky.
2. Just 1.
3. 2, yes, 2...just 2!
4. Do I hear 3? 3!!!
5. 4-5.
6. 5-10.

Cards and Commitments: Stop and Share:
Which Phase of the R2D2 model do you use the most?

99 seconds: Stop and Share: Top Three Things Learned!

Any Questions?
Try the R2D2 Model!

- Slides at: TrainingShare.com
- Papers: PublicationShare.com
- Book: http://worldisopen.com/
- Email: curt@worldisopen.com