Where Are You R2D2?:
Addressing Diverse Learner Needs with the Read, Reflect, Display, and Do Model
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This Generation of Students

Learning is Resource Rich
March 22, 2015
Madagascar marvel:
Divers find fossils of extinct giant lemurs
Daisy Carrington, for CNN, March 22, 2015

What about the Instructor in the Open World?

From Instructor as Credit Manager

To Instructor as Curator and Concierge
Question: How can technology address diverse learner needs?

Addressing Learning Styles

Framework #1: The R2D2 Model

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. Collect and Listen to Interactive Stories
(e.g., Meograph: http://www.meograph.com/)

Read 1b. Twitter Fed Class Discussions
Live-Tweeting Assignments: To Use or Not to Use?
http://chronicle.com/blogs/profhacker/live-tweeting-assignments-to-use-or-not-to-use/8649

Read 1c. Grammar Checkers
(e.g., Grammarly, Ginger, GrammarCheck, PaperRater, and SpellCheckPlus)
http://www.grammarly.com/

January 28, 2015
Read 1b. Twitter Fed Class Discussions
Live-Tweeting Assignments: To Use or Not to Use?
http://chronicle.com/blogs/profhacker/live-tweeting-assignments-to-use-or-not-to-use/8649

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

Read 1b. Twitter Fed Class Discussions
Live-Tweeting Assignments: To Use or Not to Use?
http://chronicle.com/blogs/profhacker/live-tweeting-assignments-to-use-or-not-to-use/8649

Read 2a. Big Issue Reflections
(Big Questions Online (BQO), Feb 3, 2015
(e.g., Is curiosity essential for human flourishing?)
https://www.bigquestionsonline.com/content/do-we-have-souls
Reflect 2b.
Interpreting Infographics
July 24, 2014
Woman in Computer Science
http://graduatedegrees.online.njit.edu/mscs-resources/mscs-infographics/women-in-computer-science/

Reflect 2c. Workplace Internship, Practicum, and Field Experiences

Reflect 2d.
Reflect on Virtual Timelines (Dipity, xtimeline, Simile, etc.)

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

Poll #1:
Any light bulbs going off in your head so far…?
A. Yes definitely
B. Maybe
C. No

3. Visual Learners
• Visual learners prefer diagrams, flowcharts, timelines, pictures, films, and demonstrations.
4. Tactile/Kinesthetic Learners

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

February 8, 2015

Do 4a. Recap Discussion (e.g., Prezi from Thuy Han for R678 class Week 4)

http://www.deadseascrolls.org.il/explore-the-archive/search#q=site_en:'Qumran,_Cave_4'

http://www.deadseascrolls.org.il/home
**Do 4b. Student Music Recordings of Course Content**

*April 26, 2015*

1. IST Groove Song, Jeffrey Jenkins, R511: [https://soundcloud.com/jeffjenkins72/ist-groove](https://soundcloud.com/jeffjenkins72/ist-groove)
2. The World is Open, Jill Kaufman, R678: [https://www.youtube.com/watch?v=ZRGV0Mg5Vmw&feature=youtu.be](https://www.youtube.com/watch?v=ZRGV0Mg5Vmw&feature=youtu.be)
3. Daniel Halluska, P540: [http://www.youtube.com/watch?v=tOL7lrGsqnw](http://www.youtube.com/watch?v=tOL7lrGsqnw)

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**Poll #2: How many ideas did you get from this talk?**

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.

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**Where are we headed?**

**Where is Education 3.0?**

[Image of a hand touching a water surface]