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

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Introducing R2D2...

Framework #2: The R2D2 Model

Yes, there are battles!

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)

Read 1e. Online Article Portals and Databases
- http://r685articledatabase.weebly.com
- http://ella.slis.indiana.edu/~bhallock/r685/
Read 1f. Online Crossword Puzzles
(e.g., http://www.eclipsecrossword.com/)

Create Online Crossword Puzzles!

http://www.eclipsecrossword.com/

Read 1g. Talking Dictionaries for Rare Languages
The Wall Street Journal, February 18, 2002
http://online.wsj.com/article/SB10001424052970204880404577228982976760026.html#articleTabs%3Dvideo

Talking the Talk, for Posterity
Oral Online Dictionaries Help Preserve Languages, Cultures Muted by Modernity, The Wall Street Journal, February 18, 2002
http://online.wsj.com/article/SB10001424052970204880404577228982976760026.html#articleTabs%3Dinteractive

Read 1h. Online Instructor Q&A
April 1, 2012, Piazza: https://piazza.com/

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)

Poll #23: Blogging Questions
1. Do you have a blog? Yes or No
2. Have you created a video blog? Yes or No?
3. Do you regularly read other people’s blogs? Yes or No
4. Do you assign blogging tasks in your classes? Yes or No

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://comeandseeafrica.blogspot.com/)

Reflect 2e. Workplace and Field Reflections

Reflect 2f. Scenario Learning (e.g., Krispy Kreme Management 101)
3. Visual Learners

- Visual learners prefer diagrams, flowcharts, timelines, pictures, films, and demonstrations.

Display 3a. Videos for clinical education
(Sungkyunkwan University School of Medicine, www.mededu.or.kr)

Display 3b. Medical Animations
(e.g., YouTube, CNN, BBC)

Display 3c. Human Embryology Animations
(Valerie O’Loughlin, Indiana University)

Display 3d. Radical Cartography
http://www.radicalcartography.net/index.html?chicagodots
Display 3e. World Trends and Indices (e.g. Worldmapper)

Display 3f. Interactive Maps
(adults with college degrees by county, May 7, 2012)

Display 3g. Interactive Maps
(e.g., New USDA climate zone map reflects northward warming trends,
By Janice Lloyd, USA TODAY, January 26, 2012)

Display 3h. Download and Use Online 3D Sketches (Google SketchUp; download http://sketchup.google.com/3dwarehouse)

Display 3i. Wordle
APedagogy of Abundance or a Pedagogy to Support Human Beings? Participant Support on Massive Open Online Courses, IRRODL, Kop, Fournier, & Sui Fai Mak, November 2011

Display 3j. Timeline Tools
(e.g., USA Today, August 26, 2011)

Figure 4. PLENK2010 Wordle.
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.
**Do 4a. Podcast Productions and Shows**

**Do 4b. Wikibooks: International Collaboration (Web 2.0 and Emerging Learning Technologies (The WELT))**

**Poll #1: Wiki Question(s)**

- Have you edited or written new articles on Wikipedia or Wikibooks? Yes or No
- Do you think it is ok for students to cite from Wikipedia? Yes or No

**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)
Do 4f. Simulation Games

Do 4g. Singing YouTube Summaries
Daniel Halluska, P540, Fall 2011
http://www.youtube.com/watch?v=tOL7rGsqnw

Do 4h. Visual presentations (e.g., Prezi)
https://prezi.com/ihmhhl59xd46/is-the-world-open/
https://prezi.com/8h7grxlyaymv/the-world-is-open/

Do 4i. Survey Research and Market Analysis (e.g., Mister Poll, MicroPoll, Zoomerang, SurveyShare)

Do 4j. Negotiate Meanings Online (e.g., MeetingWords: http://meetingwords.com/)
Your text is saved on the web, and more than one person can edit the same document at the same time. Everybody’s changes are instantly reflected on all screens. Work together on meeting notes, brainstorming sessions, homework, team programming and more!

Do 4k. Podcasts for students of pronunciation class (e.g., Tzu-Su Chen, Taiwan)
Do 4L: Student Class Documentaries
Umida’s R546 Documentary Project
https://www.youtube.com/watch?v=EMLTzqCV_5A

Poll #2: What phase of the R2D2 Method will you use most?
A. Read (Auditory and Verbal Learners)
B. Reflect (Reflective Learners)
C. Display (Visual Learners)
D. Do (Tactile, Kinesthetic, Exploratory Learners)

Remember
The TEC-VARIETY Model?
Tone/Climate
Encouragement, Feedback
Curiosity
Variety
Autonomy
Relevance
Interactive
Engagement
Tension
Yields Products

Poll #3:
Do you feel “MOTIVATED” to try any of this out?
A. Yes, both
B. Yes, R2D2
C. Yes, TEC-VARIETY
D. Neither

Poll #4:
Any light bulbs going off in your head so far…?
A. Yes definitely
B. Maybe
C. No

Any Questions?
Try the R2D2 Model!

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