Jigsaw Teaching with Home Groups

PEERs seminar

Week 5
Week 5 Outline

• Cultural artifacts
• Announcements
  – Next week’s (May 7th) class: HUB 337
• Final presentation details
• Breakout into Home Groups
• Next week’s panel
Cultural artifacts?

This Week in *Psychological Science* (TWiPS)

The links below take you to the journal via the APS website. If not already logged in, you will be redirected to log-in using your last name (Cheryan) and Member ID (107125)

**Is Playing Video Games Related to Cognitive Abilities?**

Nash Unsworth, Thomas S. Redick, Brittany D. McMillan, David Z. Hambrick, Michael J. Kane, and Randall W. Engle

Although many recent studies have indicated that playing video games may enhance various cognitive abilities, other studies have failed to replicate these findings. The authors suggest that this discrepancy may be a result of methodological issues such as small sample sizes and extreme-groups designs. The authors reanalyzed two large sets of data on participants' video-game playing in relation to their performance on a variety of cognitive-ability assessments. An extreme-groups analysis indicated that video-game players outperformed non-video-game players on several cognitive tasks; however, when the data sets were analyzed using the full range of participants, many of the findings were no longer significant. These findings cast doubt on claims that video-game playing enhances cognitive ability.

Randall W. Engle will be giving the invited address "Working Memory Capacity and
Final presentations

5-8 minute presentations in pairs or individually

Requirements:

1) Present two topics covered in class.
2) At least one topic must be a non-expert topic.
3) Customize to what you found most compelling.
4) Include strategies for creating an inclusive culture in engineering.
5) Everyone must present for about equal time.

Materials due to us Thursday June 11th at noon

Identify partners by May 28th (or let us know before if you want help finding one)
Final presentation

Possible presentation ideas:
1. Powerpoint slides with personal stories
2. Song
3. Video
4. Poster
5. Etc

Open to the public
We will randomly pick some to present
Home Group Work

• Part 1: 10 minutes
  – Get to know your home group members

• Part 2: 60 minutes (2 topics before break; 1 after)
  – Complete worksheet

• Part 3: 10 minutes
  – Discussion debrief and Q&A
Home Group Work (today)

Each topic will be explored for 20 minutes

1. Topic experts will take 10-15 minutes to teach the rest of their home group about the topic
2. 5-10 minutes of Q&A and discussion with the topic expert

Non-experts’ job: ask questions of your expert so you can understand the topic well enough to be able to teach the topic to someone else

For your final presentations, you will be presenting at least one topic that you were not an expert on

Follow discussion ground rules
Week 6 Disability Panel

Two goals:

1) Learning about a population you might not be familiar with

2) Being an ally

What questions would you like to ask the student panel next week?