

A. Models and learning theories

- Instructional design (quickly take note of timeline and take note of behaviorism, cognitivism and constructivism...)
http://en.wikipedia.org/wiki/Instructional_design
Q1- Do you notice an evolution from teacher to student-centered instruction?
- ADDIE model (Rosset)
<https://docs.google.com/a/newyork6.org/folder/d/0B7Y-6yWzGzeGRFFkOHRBbzNJRE0/edit?docId=0B7Y-6yWzGzeGWlpQUHp1VXNDR0U>
Q2 - How do the different stages work together to form a whole?
- 6 Short Videos as an Overview of the ADDIE Model (if you can, watch all the videos. Focus on analysis and design... Write down the key steps of the stages as this provides a framework for approaching the design of training solutions).
<http://www.jclarkgardner.com/an-intro-to-addie.html>
Q3 - Can you see any overlap with course syllabi from your classes you've taken?
- Gagné's nine events of instruction (quickly take note of tie-in to Bloom's taxonomy and strategies for training)
http://edutechwiki.unige.ch/en/Nine_events_of_instruction
Q4 - How do you get people's attention before you teach them something?
- Bloom's taxonomy of learning domains (Take note of the shift to higher-order thinking as you move up the pyramid, click on it to enlarge or view the link below. Scroll down to Bloom's Revised Taxonomy and read over the categories and verbs used to describe each domain. These are the same words that should be used in course syllabi for goals and objectives!).
<http://www.nwlink.com/~donclark/hrd/bloom.html> Visual: http://www.nwlink.com/~donclark/hrd/learning/id/bloom_taxonomy.jpg
Q5 - Of the 5 different domains, which is your favorite and least favorite learning approach?

Constructivism and instructional design

<http://www.nwlink.com/~donclark/hrd/learning/id/constructivism.html>

Instructional design approaches matrix (excellent comparison matrix of learning theories).

<http://depts.washington.edu/eoproject/Instructional%20Design%20Approaches.htm>

Q6 - Can you think of a learning activity (assignment) where a behaviorial approach is more appropriate than a constructivist one? And vice-versa?

- Constructivist view of instruction (quickly scan and make note of constructivist vocabulary, handy definitions with synopses of theoretical approaches and strategies for learning activities. Susan Land was my advisor at Penn State).
<http://iteach.saintleo.edu/InstructionalDesign/ConstructivistID.htm>
Q7 -Do any of these concepts and vocabulary make an impression on you? Can you point to examples in your courses where you have participated in these types of activities?

B. Practice

- Case study - Invasive Species prototype (create an account and login!)
http://dogwood.cas.psu.edu/ipm_gbs/about.php
Overview of Ben Harwood's "Operation Invasive Species." It's a simulation and [goal-based scenario](#). Ben will demo the website and provide a guided tour of the analysis, design and development of this instruction. It was never implemented or evaluated...