
Flipped Learning workshop, 2021.05.26

Resource Handout

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Workshop materials

- Video debrief of (some of the) pre-session activities: <https://vimeo.com/555164283>
- Slides: <https://www.mentimeter.com/s/eee6ec3c80ed9a9b75ff3ac43b1c9102/f91f674e8090>
- Jamboard:
<https://jamboard.google.com/d/1kaujc4i4nBjlzVucZM2Wga2tN8E6zKPxdqmfUpyJ4J0/edit?usp=sharing>
- Further Q&A from after the session: <https://vimeo.com/555241328>

Links from the session (we will add to this throughout the session)

- Lorena Barba's flipped online course on numerical methods:
<https://lorenabarba.com/figshare/numerical-mooc-collaborating-in-open-education-for-cse/>
- Perusall: <https://www.perusall.com/>
- PollEverywhere (another polling tool): <http://www.polleverywhere.com>
- Information on peer instruction:
 - https://en.wikipedia.org/wiki/Peer_instruction
 - <https://www.rit.edu/academicaffairs/tls/course-design/teaching-elements/practice-peer-instruction>
 - 5-minute video with Eric Mazur, inventor of peer instruction:
<https://www.youtube.com/watch?v=FUY049rIjDM>
 - The "Bible" of peer instruction: <https://www.amazon.com/Peer-Instruction-Manual-Eric-Mazur/dp/0135654416>

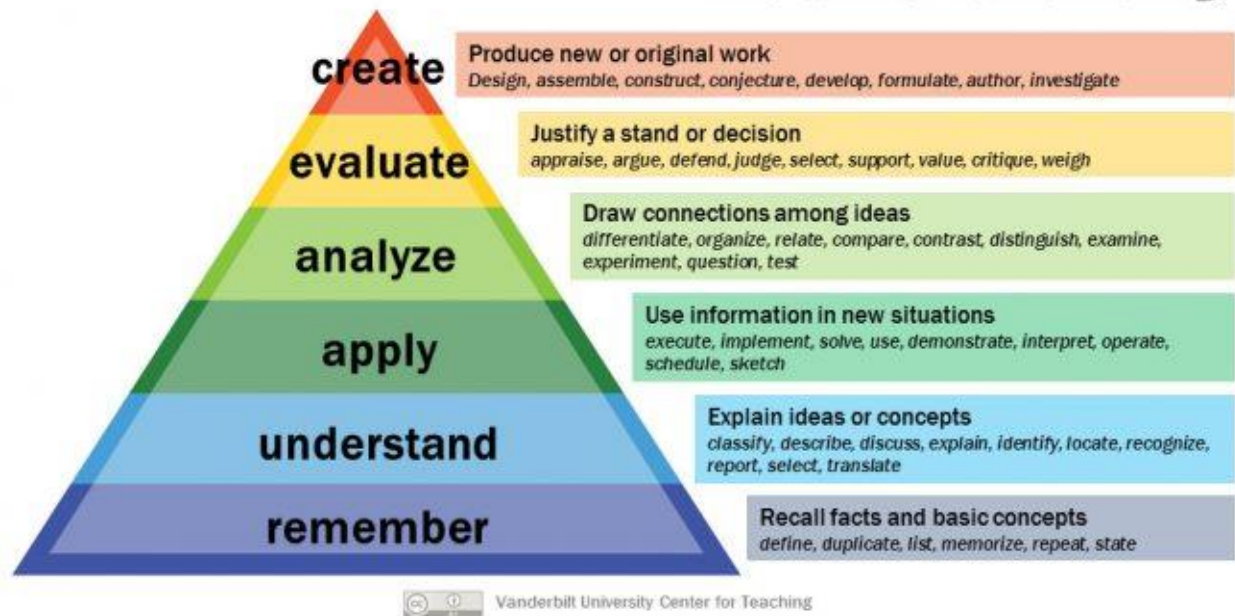
Some of Robert's preclass activities:

- For Calculus: <https://github.com/RobertTalbert/calculus/tree/master/assessments/dailyprep>
- For Discrete Structures:
 - <https://github.com/RobertTalbert/discretecs/blob/master/activities/module2/225-2a-dp.md>
 - <https://github.com/RobertTalbert/discretecs/blob/master/activities/module5/225-5b-dp.md>
- For Modern (Abstract) Algebra:
<https://github.com/RobertTalbert/modernalgebra/tree/master/assessments/dailyprep>

Bloom's Taxonomy image

<https://cft.vanderbilt.edu/guides-sub-pages/blooms-taxonomy/>

Bloom's Taxonomy



Tools used in the workshop

- Google Jamboard: <http://jamboard.google.com>
- Mentimeter polling/presentation tool: <http://www.mentimeter.com>

Robert's book Flipped Learning: A Guide for Higher Education Faculty

- English: <https://www.amazon.com/dp/B0718WJ46N>
- Portuguese: <https://www.amazon.com/dp/B07QD2MFNZ>

Free ebook "Seven Steps to Flipped Learning Design" (English only): <https://rtalbert.org/seven-steps/>