Gen Ed to Grad School: Three Teaching Techniques that Work Across Different Disciplines, Learning Platforms, and Levels of Instruction

Dr. Robin Ericson S-CAR
Dr. Rebecca Ericson - Physics
RNA tree grouped into Bacteria, Archaea and Eucarya
Concept maps – thought made visible

Looking for concepts and connections

“Sometimes it is best to just draw everything out in order to enhance your understanding.”
Mind maps – organizing ideas

What is my practice?
- Rachelle Thompson

How did I get here?
- Alice Peck
Using “Brain”

Starting Point

Brain
• You are in the School for Conflict Analysis and Resolution
• Can you explain the recent Syrian refuge problem to us from a conflict perspective?

• Guidelines for media experts
• Four possible responses
  • Basic human needs issues
  • Magnitude of the migration
  • International law and norms
  • Syrian civil war
Projects – putting what they know to work

**Boldly Go** - Design a mission to a planet, moon, asteroid, or comet

**Your Part** - How would you contribute to a space mission?
Portfolio – collecting evidence of significant learning

Lab that did the most for your learning

“"I thought it was great that we could learn in a classroom while also contributing to a citizen science project.”"

Journal prompts

If you only had to worry about the daily motion of the Earth as it spins, how fast would you be going as you sit here?

Discuss sources of energy on Earth and then consider which would be present and significant on Mars.
Portfolio
Integration of Theory and Practice

Megan Strum  https://megstrum.wordpress.com/

RachelleTHOMPSON

https://rachellethompson.wordpress.com/
certifications-skills/
Greens and things that go with them from an analysis of 1000 recipes
Your Turn

- Map Todd Zakrajsek’s keynote presentation
- Use a tree, mind map or concept map
- Include your own teaching practices as they relate to concepts from the talk