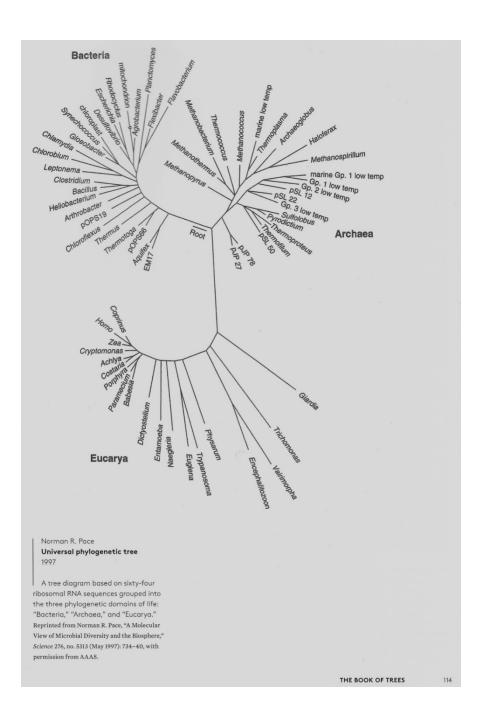
## Gen Ed to Grad

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

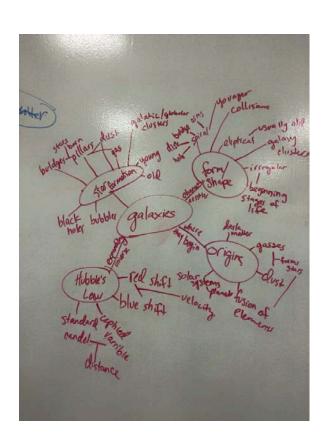
Dr. Robin Ericson S-CAR
Dr. Rebecca Ericson - Physics



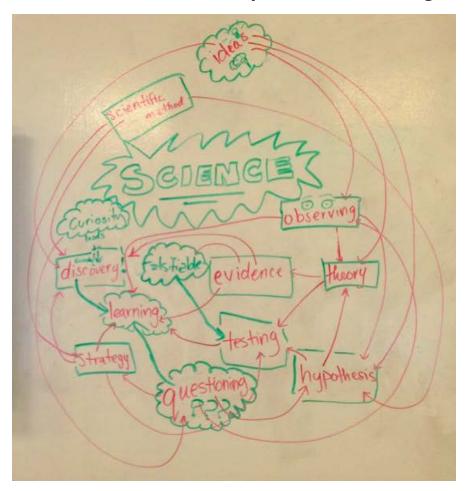
RNA tree grouped into Bacteria, Archaea and Eucarya

## 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."



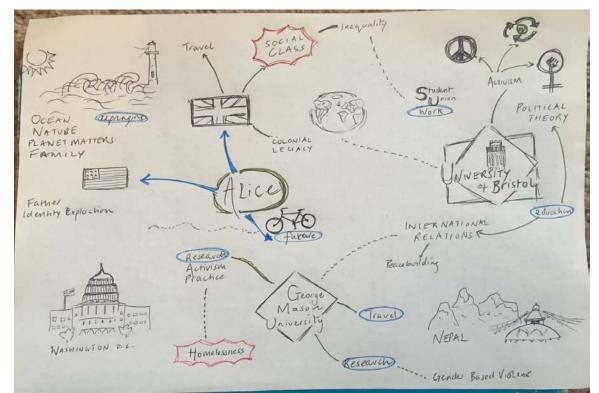
## Mind maps

organizing ideas

### What is my practice?

- Rachelle Thompson



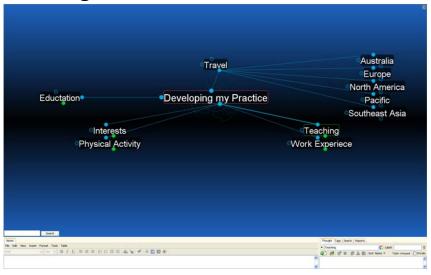


How did I get here?

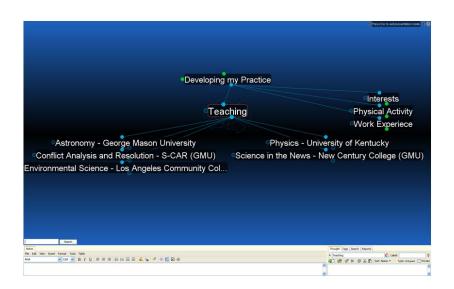
-Alice Peck

## Using "Brain"

### **Starting Point**



**Brain** 





## Media Expert

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



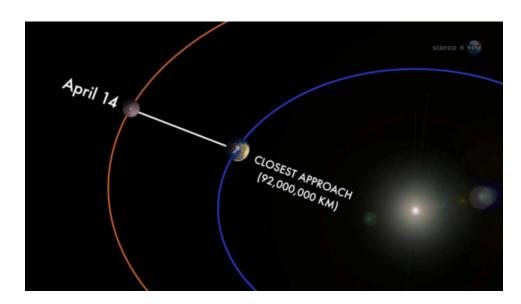
- Guidelines for media experts
- Four possible responses
  - Basic human needs issues
  - Magnitude of the migration
  - International law and norms
  - Syrian civil war

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

# Projects – putting what they know to work

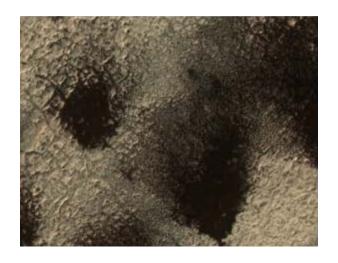
**Your Part** - How would you contribute to a space mission?

\_



# 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

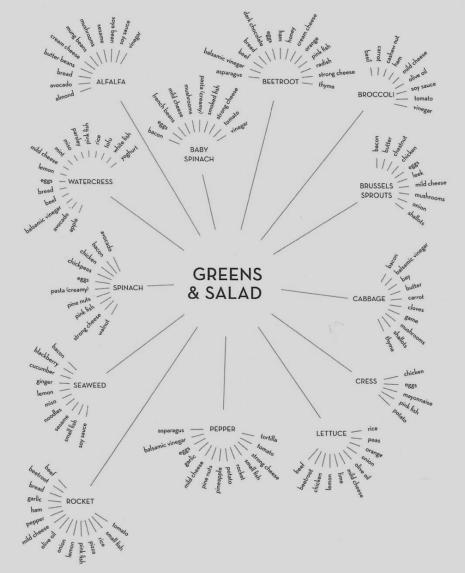


Megan Strum

https://megstrum.wordpress.com/

# RachelleTHOMPSON

https://rachellethompson.wordpress.com/certifications-skills/



### Taste Buds

From David McCandless and Willow Tyrer, Information Is Beautiful 2008

A visualization of complementary flavors and ingredients used in preparing various vegetables, such as broccoli, cabbage, lettuce, and spinach, from an analysis of more than one thousand recipes, created for the book *Information Is Beautiful* (HarperCollins, 2009).

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