

Welcome to “Back to School Night.”

AP Biology Course

- Teacher: Shu-Yee Chen Freake (Ms. Chen)
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***While you wait, please fill out the form from the DO NOW bin.
You can drop it off at the INBOX on your way out.***



Goal #1:

Explore how COOL biological world can be!

Four Big Ideas

- Evolution
- Energetics
- Information Storage and Transmission
- Systems Interactions



Goal #2:

Engage in analytical thinking

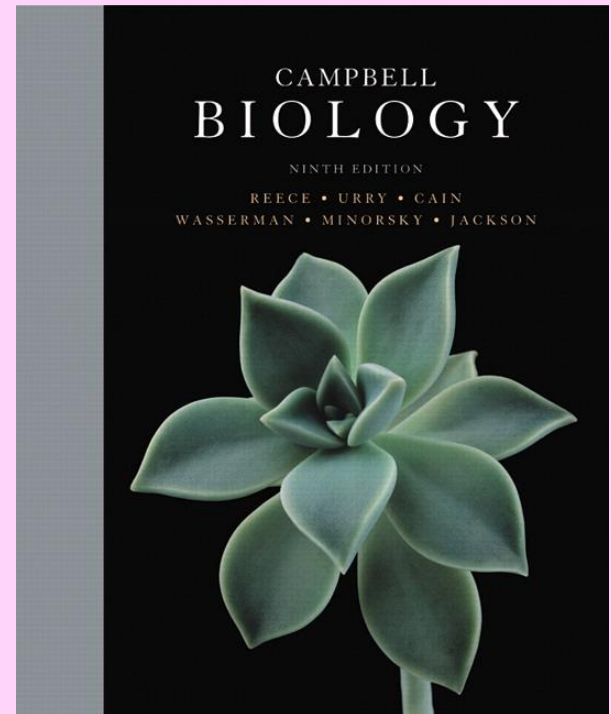
6 Science Practices

- Concept Explanation
- Visual Representations
- Questions and Methods
- Representing and Describing Data
- Statistical Tests and Data Analysis
- Argumentation



Topics

- Biochemistry
- Cell Structure and Function
- Cellular Energetics
- Cell Communication & Cell Cycle
- Heredity
- Gene Expression and Regulation
- Natural Selection
- Ecology

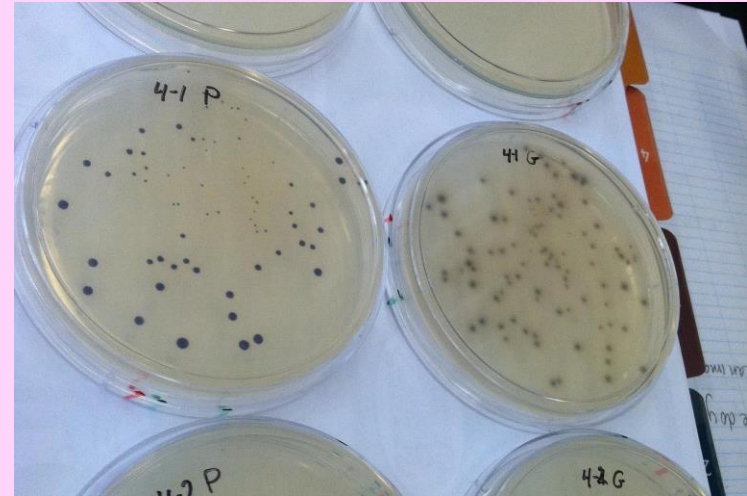


Changes to AP Exam

- College Board Changes:
 - Fall registration
 - Online Tools for registered students (AP Classroom)
 - Register on (1) College Board (order tests) (2) Total Registration (paying)
 - Fees: \$99 (exam), Cancellation or Changes \$40
 - <https://apcentral.collegeboard.org/about-ap/news-changes/ap-2019>

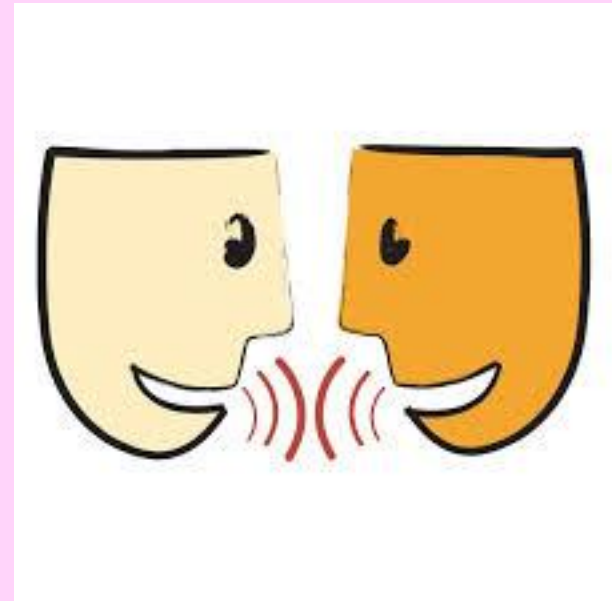
Conversation Starters with a Teenager at dinner table...

- What did you do in today's "homework" assignment?
 - DAILY!!
- What kind of lab/discussion happened in-class?
 - NOTES TAKEN INDEPENDENTLY
- How is your IRP going?
 - YEAR LONG INDEPENDENT RESEARCH PROJECT!!!
- If you lost something, Ms. Chen probably has it on the website!
 - NNHS Schoology



What else?

- Communication → This is an AP course, so I expect the **students to be the main point of contact.**
- Warning / Report Cards / Progress Report are Schoology for students **ONLY!**
- You have access to midterm comments and grades on Aspen
- Students are expected to...
 - Be an independent learner.
 - Preview/Review materials
 - Asks questions
 - Meet with teacher for questions/clarifications (Monday X-Block, Help Room, E-mail...etc)



Reminder

- Changes to the AP Registration Deadline (by early November!)
- Trust, Respect, Support!
- The fastest way to contact me is via email: freakes@newton.k12.ma.us