

2019-2020 Advanced Placement Biology and Laboratory Syllabus
2020 AP Biology Exam Date: Monday, May 11, 2020 @8am

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Rm737

Welcome to AP Biology! This is an AP Course that provides the opportunity to earn between 4-8 college credits. The amount of credits awarded depends on your score on the AP Exam in May. Most universities award 3 credits for a Biological Science and 1 credit for a Biological Science Lab if students earn a 3 or 4 on the AP Exam. If a student earns a 5 on the exam, many universities will award 2 Biological Science Courses and 2 Biological Labs for a total of 8 college credits. With this knowledge, please understand this course requires additional time for independent labs that may not fit into the regularly scheduled class time. Students will need to work with their instructor to schedule opportunities for lab time outside of class. Mrs. Illig will be flexible with students' extracurricular commitments as long as equal effort is made to achieve both academic and extracurricular goals.

Please complete the following tasks before AP Boot Camp on Friday, August 2nd @9am.

1. Sign Up for Remind by texting @IlligAPBio to 81010
Send your email to Mrs. Illig through remind so a link to a shared ical can be sent.
2. Read & Outline Chapter 1 in your notebook/binder.
Create a Flash Card for EVERY scientific word you come across in your reading, bring to boot camp.
3. Go to www.BozemanScience.com and watch Biological Molecules at <http://www.bozemanscience.com/042-biological-molecules> Click on the Biological Molecules Review Worksheet by Winnie Litten at the bottom of the Bozeman webpage. Print & Complete the Worksheet, place in your notebook/binder after your outline.
4. Go to www.BozemanScience.com and watch Essential Characteristics of Life <http://www.bozemanscience.com/005-essential-characteristics-of-lifeEssential> Click on the Characteristics of Life Review Worksheet by Winnie Litten at the bottom of the Bozeman webpage. Print & Complete the Worksheet, place in your notebook/binder after your outline.
5. Read & Outline Chapter 2 in your notebook/binder.
Create a Flash Card for EVERY scientific word you come across in your reading, bring to boot camp.
6. Go to www.KahnAcademy.org
Search AP Biology: Chemistry of Life
Click on the following lessons to watch the videos & complete the lessons. Add notes to your notebook.
 - Elements and Atoms
 - Matter, Elements and Atoms
 - Introduction to the Atom
 - Atomic Number, Atomic Mass and Isotopes
 - Chemical Bonds
 - Chemical Reactions Introductions
 - Chemical Reactions
7. Read & Outline Chapter 3 in your notebook/binder.
Create a Flash Card for EVERY scientific word you come across in your reading, bring to boot camp.
8. Go to www.KahnAcademy.org
Search AP Biology: Properties of Water
Click on the following lessons to watch the videos & complete the lessons. Add notes to your notebook.
 - Importance of Water for Life
 - Lesson Summary: Water and Life
 - Practice: Structure of Water and Hydrogen Bonding

Enjoy your Summer!! See you at Boot Camp! Send a message through Remind if you need me.