

AP BIOLOGY SUMMER ASSIGNMENT

Welcome to AP Biology!

I am looking forward to working with all of you this year. This is a college-level course, which means it will require college-level effort. Please be prepared to put in the time needed to understand concepts fully. AP Biology has high expectations and no time to waste (you may view the entire College Board AP Biology syllabus [here](#)). Therefore, to ensure your success in class and on the AP exam in May, we need to start before class begins. You will need to complete our Introduction Assignments and Unit 1 this summer. When school starts, we will do a review activity, and you will immediately have an exam. Exams are in two parts, the first day is multiple choice, and the second day is free-response questions. You will also gain access to AP Classroom with practice study tools.

The following assignments are to be completed BEFORE SCHOOL BEGINS. You will then submit them to Canvas on the first day of school. Ed-Puzzles are completed on the website and are due BEFORE SCHOOL BEGINS.

Ed-Puzzle: <https://edpuzzle.com/home>

Once you log in, please use the following code to join our class: ildimri

You can also use this link to join: <https://edpuzzle.com/join/ildimri>

Here are some resources to help you complete the Unit 1 assignments.

Unit 1: Chemistry of Life		
The APsolute RecAP	Episode 4- Water Chemistry Episode 5 - Biological Molecules Episode 6 - Elements of Life Episode 47 - Proteins	Website: Biology — The APsolute RecAP Instagram
Bozeman	Essential Characteristics of Life Biological Molecules Water: A Polar Molecule Three Domains of Life The Importance of Oxygen ATP: Adenosine Triphosphate	Website
Khan	Chemistry of life	Website
APBioPenguins	Instagram Review - Story Highlights Organized by Unit	Instagram Website
College Board	Live YouTube Classes	YouTube
Amoeba Sisters	What is ATP DNA vs. RNA Protein Structure and folding Water Biomolecules	You Tube
Crash Course	1 - Carbon 2 - Water 3 - Biological Molecules	YouTube
Professor Dave Explains	Biochemistry Playlist	YouTube

Also note that **plagiarism/copying from others will only harm your learning**, violating school and district policy and resulting in a zero on the assignment.

If you have any questions, feel free to email me at cdowling@pctvs.org. Have a great summer!!

Ms. Dowling

Part I: Introduction Assignments

1. Read through our [Class Syllabus](#).
2. Fill out the [Lab Safety Contract](#).
3. [CED Scavenger Hunt](#)
4. [Science Practices Digital Notebook](#)
5. Chapter 1 Ed-Puzzle
6. [Statistics Digital Notebook](#)

The class syllabus is not submitted anywhere but should be read through. The safety contract should be completed before the first day of school. The CED scavenger hunt and digital notebooks are to be completed before the first day of school and will be submitted on the first day of school when you gain access to Canvas. The Ed-Puzzle should be completed on the website before the first day of school.

Part 2: Unit 1

1. Chapter 2 Ed-Puzzle
2. [Topic 1.1 Notes](#)
3. Chapter 3-1 Ed-Puzzle
4. Chapter 3-2 Ed-Puzzle
5. [Topics 1.2-1.3 Notes](#)
6. Chapter 3-3 Ed-Puzzle
7. [Topics 1.4-1.6 Notes](#)

The Ed-Puzzles are to be completed on the website before the first day of school. The notes are not submitted anywhere but should be read through before the first day of school.