

L&N STEM Academy AP Biology Summer Assignment

Purpose:

The purpose of the summer assignment is to help students review foundational material and concepts from Biology I and to reacquaint or introduce them to the general science skills and practices needed for success in AP Biology.

Introduction:

It is my pleasure to welcome you to the 2021-22 AP Biology/Honors Biology II class. This course is designed and taught as a one year long sequence of topics identified by the Tennessee State Standards and guidelines set forth by the AP College Board. Please be advised, these are rigorous standards and cover a lot of material at a “breakneck” speed. The course layout was developed by the AP College Board with some modifications.

Assignment:

The Summer Assignment consists of a series of videos to help you become familiar with the Science Practices that you will be learning about and employing in the course throughout the year.

AP Biology Summer Assignment

This assignment covers 10 videos. Each of the videos must be watched and you must take hand-written notes for each of them. The notes must not be copied from the internet or from peers. Each video note sheet will be scored according to the rubric provided below. **This portion of the assignment will be due the first day of class and will not be accepted late.**

Video #	Content	Link
1	The Nature of Science	https://youtu.be/TkvjDZseD4k
2	The Scientific Method	https://youtu.be/GKGtkzgKfkc
3	Claim-Evidence-Reasoning	https://youtu.be/5KKsLuRPsvU
4	AP Biology Science Practice 1	https://youtu.be/v5Nemz_cVew
5	AP Biology Science Practice 2	https://youtu.be/jgqYISKoXak
6	AP Biology Science Practice 3	https://youtu.be/2zB272Ak63A
7	AP Biology Science Practice 4	https://youtu.be/AzTXnne40wU
8	AP Biology Science Practice 5	https://youtu.be/OJqukouOtZA
9	AP Biology Science Practice 6	https://youtu.be/3gK1xWNM7kk
10	AP Biology Science Practice 7	https://youtu.be/7l4bcs49JP8

Rubric:

0 No Credit	2 Below Exp.	4 Meets Exp.	5 Exceeds Exp.
No notes, typed notes or copied from another source	Criteria missing from entry	All criteria met with room for improvement	All criteria listed below are met or have been exceeded for each entry

Expectation:

- Each video should have its own page in a notebook.
- Each Note should be properly titled
- All notes should be legibly written.
- Highlighting or colors are used to emphasize key points, new vocabulary, and/or important concepts.
- Examples are documented in some way when given in the video.
- Each video note ends with a summary of the video content Please identify the summary in some way (titled, asterisks, highlight, boxed in, etc.)