



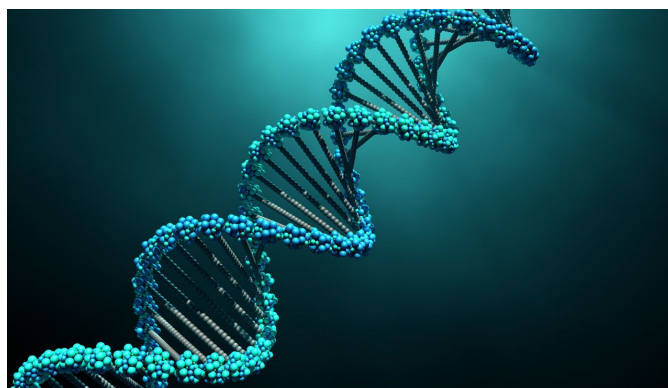
## Molecular Biology Distance Learning Syllabus and Norms

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Classroom expectations are set to create a nurturing environment where we may learn about life on our planet! This syllabus will be subject to change if and when we hopefully return to class in person.

**In addition to your electronic device. Here is a list of other at home course materials (if you need help acquiring any of the following, please let me know):**

- Liquid measuring cups or teaspoons
- Ruler or tape measure (metric preferred)
- Writing Utensil (pen or pencil)
- Calculator ([College board approved](#))



### **Distance Learning**

- Google Classroom will be used to deliver content and direct students to other digital tools. We will mainly use Flipgrid, Gizmos, Nearpod, Zoom and MORE!
- As your instructor during this time of distance learning, I will do my best to provide you with the educational opportunities. That said, I am only one variable in the equation of your academic success. You will need to come prepared and ready to engage in all Zoom classes (synchronous instruction) and advocate for your educational needs.
- I am grateful for the opportunity to be your instructor. I am looking forward to working with each of you this school year and exploring the dynamic world in which we live.

### **Norms in ZOOM**

- Sign in to our scheduled ZOOM class at least 5 minutes early so that you are in the Zoom WAITING ROOM and we can start instruction ON TIME. Make sure your zoom screen name is your OFFICIAL STUDENT NAME.
- All ZOOM students will be fully dressed. Seriously.
- All Zoom students will remain engaged and focused for the duration of the Zoom class. This can mean having their tablet/device focused on their full face in the camera frame, participating in the chat, raising your hand or using other reactions.
- All Zoom students will eliminate outside distractions (TV, games, cell phones, other people/pets, etc.) to the best of their ability.
- Extend RESPECT in all ways to Zoom participants, at ALL times.
- AUDIO is off/ muted until called on by your instructor.
- Make sure your Zoom background is school appropriate with enough light for visibility.
- Students displaying behaviors not appropriate to the norms above will be removed from the Zoom room and reported to school administration and parents.

### **AN INVITATION TO BRAVE SPACE**

Together we will create *brave space*  
Because there is no such thing as a "safe space" —  
We exist in the real world  
We all carry scars and we have all caused wounds.  
In this space  
We seek to turn down the volume of the outside world,  
We amplify voices that fight to be heard elsewhere,  
We call each other to more truth and love  
We have the right to start somewhere and continue to grow.  
We have the responsibility to examine what we think we know.  
We will not be perfect.  
This space will not be perfect.  
It will not always be what we wish it to be  
But  
It will be *our brave space together*,  
*and*  
*We will work on it side by side.*  
by Micky ScottBey Jones



### Course Description

Molecular Biology is an enriched alternative approach to college preparatory biology, which uses inquiry methods to present biology as an experimental science. This course challenges students to construct their understanding of concepts starting from the laboratory experience and to develop their scientific literacy skills. Molecular biology students will design experiments, collect and analyze data, think critically, and communicate scientifically. The breadth of content covered in this course is the same as the traditional approach and based on the Next Generation Science Standards (NGSS), but the focus is on biology at the molecular level. This course satisfies the biological science high school graduation requirement and the University of California laboratory science “A-G” requirement for biology.

### The 4 main objectives for all molecular biology students are to:

1. Be prepared with a strong foundation for a higher level of science education by developing the skills to think, act, comprehend, and communicate as scientists.
2. Practice and apply scientific methods through inquiry-based labs and activities.
3. Develop scientific reading, writing, and oral communication/presentation skills.
4. Build a greater understanding of and appreciation for the scientific method, biology, and the natural world.

### Grading Policy

*(May be changed by district policy)*

A	89.50 – 100%
B	79.50 – 88.49%
C	69.50 – 78.49%
D	59.50 – 68.49%
F	0 – 59.49%

### 1st Semester Grade Percentage Breakdown

- Participation: 0-5 Points Each
- Formative Assessments: 5-20 Points Each
- Summative Assessments: 20-100 Points Each



*I have read the syllabus and understand the classroom norms and expectations of me in this class. I have also shared this syllabus with my parents/ guardians.*

Type Your Name Here: