Welcome to AP Biology!

This course is actually a two-year course in college! By taking AND passing AP biology in high school you are able to save a lot of time and money! Since you are taking this class over the course of one school year you should expect this class to be very intensive. We have a lot of material that needs to be covered this year in order to prepare you to pass the AP Biology Exam in the spring. In order to expect a passing grade on the AP exam you will need to commit to several hours a week outside of our regularly scheduled class meeting time for reading, watching videos, writing, reviewing and re-writing your notes and completing lab reports or assignments that you may not have been able to finish during class. Although taking on AP Biology in high school is a huge commitment, if you are willing to work hard you will find this course to be well worth the effort.

I know the words "summer assignment" tend to give students a gag reflex reaction but I think that the following assignments will not take too much of your time. In addition they will be very beneficial to helping us have a smooth start to the school year and by completing them over the summer they will free up your time during the often hectic first week of school. This assignment also mimics the amount of work you might be expected to complete at home over a weekend or during a regular school week to prepare for an assessment. While it can be put off and completed during the first week of school I do not recommend waiting until then to start, unless of course you just signed up for AP Biology and are hearing about this assignment for the first time on day 1!! While it is definitely do-able in the first week of school, with all the other things you may have going on completing this assignment then will be a true testament to your commitment to the class. All of the details and resources you need to complete the summer assignment can be found below. I look forward to working with each of you this coming school year!

Task 1: Introductory Email sent to amy.jensen@ocps.net (Due Monday August 13th)

Send me a professional email that answers the following questions in paragraph form. Make sure to use correct grammar, punctuation and spelling! Click here for some tips on how to compose a professional email.

1. Your full legal name and the name you use in school, if different. (i.e: what you write on your papers and assignments.)
2. What do you like to do for fun, when you have time, of course! (Hobbies, sports, interests, etc.)
3. Tell me about yourself, what do I need to know about you to help you find success in this class?
4. Your academic history as it pertains to science (include classes and grades earned, clubs, etc.)
5. Tell me about your job if you currently have one (include average hours worked per week) and if not tell me what kind of job you would like to have.
6. Reflect on your personal study habits. How do you prepare for tests, how do you study material that is new and challenging? How do you remember a lot of information in a short period of time?
7. How many AP classes have you taken so far? How many have you passed with a 3 of higher?
8. How many AP classes are you taking this year? (please list)
9. What comes to mind when you think about AP Biology? What are you excited about or nervous/anxious about (be specific and descriptive).
10. Why are you taking AP biology? What do you hope to accomplish or gain from this class this year?

Task 2: Sign up for digital communication:

1. Join this Google Classroom: m82co2x – Google Classroom will be used primarily for your summer assignment information and for some homework this year. We will switch over to Canvas once the school year officially starts.
2. Join Remind101: text @erhapb to the number 81010 - I use Remind almost exclusively for important reminders and announcements. It is also the best way to reach me if you have
questions or emergencies as it is the only app I have connected directly to my personal cell phone. I do sleep between the hours of 9PM and 4AM so I am usually unresponsive during that time.

Task 3: Get your Supplies for AP Bio Class!

1. 1 or 2 (depending on how many notes you take) composition notebooks with 200 pages/100 sheets college ruled. (No tear-out pages!!)
2. ONE 1 ½ - 2 inch binder – will be kept in class to store review materials. This will be very important for the last quarter of school.
3. Black and/or Dark Blue pens (for writing FRQs) and Red pen (for corrections) & pencils (for testing days)
4. Pack of assorted colors of highlighters & a pack of colored pens, colored pencils and/or colored markers (that will not bleed through a page) for note taking at home and to use in class.
5. 1 bottle of Clorox wipes – to disinfect after labs and during flu season.
6. 2 rolls of paper towels – for regular cleanup.
7. $20.00 Lab Fee – pay through school pay (preferred) or cash only before school, after school or during lunch.

Donations: The following list of communal items are used very often in our class and often our supply runs out and needs replenishment several times throughout the year.

- Expo NEON markers or other brand of chalk markers – for writing on table tops during review lessons.
- Expo DRY Erase markers or other brand of white board markers – for writing on white board during review games and lessons.
- Tissue Boxes – for sneezing and runny noses.
- Pump bottles of hand soap and hand sanitizer – for hand washing to keep those germs at bay!

Task 4: Set up and personalize your BILL (Biology Interactive Learning Log)

Your composition notebook will become your Biology Interactive Learning Log, or BILL for short. In AP biology you will use your BILL every day and you will also complete homework assignments and record notes in your BILL so you need to carry it with you to and from school. Because it gets so much use throughout the year there a few things you need to do to set it up before the first day and to help it “last” all year.

1. Number ALL the pages – place numbers in the outer corner at the top of the pages; top right corner of right side pages and the top left corner of left side pages. Start with page 1 on the inside right page. If you number it correctly, all the right hand pages will have odd numbers and left hand pages will be even numbers. You should have roughly 200 pages depending on the brand of composition notebook and the accuracy of your page numbering.
2. Set up Page 1: This will be your Contact Information Page and Table of Contents. List your full name and you may want to include a cell phone number or you can write: “If found please return to...” and list your class schedule, including room numbers, so that if you lose your BILL it has a better chance of finding its way back to you. Trust me you don’t want to lose this notebook! Your BILL is the only way to earn bonus points on Unit
Assessments and the AP Biology MOCK exam at the end of the year (more on this later). The bottom ½ of this page will be your table of contents for the 10 major units we will cover this year.

3. Personalize/Decorate the cover – stickers work well, you can also glue down pictures or make a collage of images on the cover, be creative – let this be a showcase of your interests and personality!

4. Seal the cover with clear packing tape (after you decorate it!) – This will add an extra layer of defense against wear and tear, also it adds a little bit of water resistance.

Task 5: Graphing & Data Analysis Skills Practice (Due Wednesday August 15th)

You will find two documents titled “DN Sticky-Toes” and "DN Sticky-Toes Math Activity" on Google Classroom. Please download and PRINT these documents. Your answers must be hand written and turned in as a hard copy in class on Wednesday August 15th. I will have some hard copies available on the first day of school but I recommend getting this review assignment done and out of the way ahead of time if possible.

Task 6: Unit 1.1 Study/Reading Guide: Biochemistry (Due Friday August 17th)

You will also find a series of documents on Google Classroom that correspond to the first three chapters of the textbook that is also posted on Google Classroom. Download the PDF of the textbook and use it to complete the first 3 reading guides that make up your first Study Guide Assignment. This is the “Meat” of your summer assignment, and it also represents a portion of what you will typically be assigned for homework per unit we cover in class throughout the year. So, study guides are not going away any time soon! Study guides may cover several chapters of your textbook or multiple articles from more than one resource as a part of a comprehensive and interconnected unit of study or they may focus specifically on a single topic in greater depth.

Study guides must be printed and answers must be hand written. Study guides are due the day of the corresponding unit quiz. Late or incomplete study guides will only be worth 50% credit. Study guides are typically available up to a week before a unit quiz but this may not always be the case. Paper copies will be available for pick up in class and Study guides will always be posted to Canvas as well. If you are absent the day of a quiz the study guide is due the day you return to class. Being absent from class is not a valid excuse for not having your study guide on time since they are available online ahead of time.

This study guide is DUE the FIRST Friday August 17th. This means that you will have a quiz on the information from this study guide in class on Friday August 17th.
<table>
<thead>
<tr>
<th>Task #</th>
<th>Due Date</th>
<th>Task Description</th>
<th>Objective</th>
<th>Check it off when complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1ˢᵗ day of school 8/13/18</td>
<td>Introduction email sent to <a href="mailto:amy.jensen@ocps.net">amy.jensen@ocps.net</a></td>
<td>Allows me to get to know you! 😊</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1ˢᵗ day of school (preferably before)</td>
<td>Sign up for class communication</td>
<td>Allows you to send and receive important communications about the class!</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>1ˢᵗ day of school (preferably before to set up notebook – we will begin to use the 1ˢᵗ day!)</td>
<td>Get your AP biology supplies</td>
<td>You should have your supplies ready so when we get started on the 1ˢᵗ day you are not falling behind!</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>2ⁿᵈ day of school 8/14/18</td>
<td>Get your BILL ready for AP Bio</td>
<td>You are prepared to engage in class work right away!</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>3ʳᵈ day of school 8/15/18</td>
<td>Graphing and Data Analysis Skills Practice Packet</td>
<td>To review scientific thinking and statistical analysis in Biology!</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>5ᵗʰ day of school</td>
<td>Unit 1.1 Study guide</td>
<td>To prepare you for the first unit quiz!</td>
<td></td>
</tr>
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If you have any questions about the summer assignment or the class in general please do not hesitate to email me or to reach out to me through the remind app over the summer. I hope you have a great summer and I look forward to meeting you all in the fall!

Sincerely,

Mrs. Jensen