

Each year I ask my students (for a grade) to provide advice to future students. This year, I am publishing their advice, along with the associated AP Exam scores. For what it is worth, several students didn't complete the assignment, one didn't take the exam and I don't have (at this date) scores for everyone. This is the best I can do right now. Additionally, formatting a document made by cutting and pasting from over two dozen sources is hit-and-miss. All grammatical and spelling errors are [sic].

AP Score	Advice
	<p>AP Biology Course Advice:</p> <p>The first thing I need to say is STUDY and REVIEW. You probably came into this class thinking it would be very easy, but there are many things that go into biology; not just the whole ecosystem and evolution spiel. My first tip is buy a prep book as soon as possible, and follow class discussions through it while also writing down notes. This will definitely help you remember, and will be useful when you are cramming the day before! GetAFive.com also does wonders, so check that out too. Before the AP test, make sure to take as many timed exams as humanly possible!</p> <p>As for the entire year, make sure to pace yourself. Do your homework, get your labs done, and take notes. Try not to snooze, I'm totally guilty of that, but try to stay as refreshed and awake as possible. One thing about the AP exam is that it's super specific. A missed lesson can call for a missed FRQ. Make sure you stay up to date with your classes, and always ask questions if you really don't understand. There are many parts of biology that are deemed as confusing, and they will ALWAYS remain confusing until you ask Dr.G.</p> <p>So this may sound scary, it was for me, but you're honestly having the privilege of being taught by ATM's best teacher (no joke). Dr.G is the amazing mad scientist you always wanted in your life, and he will always be there to support you throughout your AP Bio career. The biggest thing is to pace yourself, and DON'T PANIC!</p>
	<p>Dear incoming AP Biology students,</p> <p>As a senior finishing this course, there are a couple of things you need to be aware of before entering through the doors of Dr. G's classroom. First, take advantage of the fact you have one of the best and most down to earth teachers you're ever going to have. This course will truly test what type of student you are. Dr. Gottfried won't spoon feed you at any point during this course. He will let you off the leash and allow you to manage yourself just like you will when you get to college. His lectures are quite helpful and are better than any information you could look up in the textbook. Don't be afraid to ask questions and really get to know him on a personal level, he's very intelligent. Actually do the mastering biology assignments and any other online assignments he assigns during the year, they aren't that bad, I promise. The labs you'll do are pretty interesting and you're going to cross paths with similar content that you learned in honors biology if you had him as your teacher. If you didn't notice by now, not only am I a fan of Dr. Gottfried, but I'm a fan of AP biology. Although I wasn't present for the actual AP exam, I'm still up to date on what you should do to prepare:</p> <ul style="list-style-type: none"> - Form study groups with people who know the information more than you do, you'll learn much more that way. -Take advantage of the online chats he's going to offer later on in the course. These chats give you the opportunity to chat with other students as well as with Dr. Gottfried.

	<p>Please, take this advise as you see fit. But when you start AP Biology do you work and really learn the material and don't just think that you can cram it all at the end. Trust me its not fun learning about the Calvin's cycle, DNA and the immune system in one day. So when Dr. Gottfried is lecturing pay attention so you can get some depth about the subject and most of his stories are also not as bad. But the best advice is when the lights go out and the room gets dark it turns into the perfect environment for a nap, BUT DON`T fall into the trap, stay awake because you will miss 80 percent of the vital information. Also do Mastering Biology is the easiest grade in the course. Also we go by chapters.</p>
1	<p>Advice:</p> <p>I think the key to success in this class was the interactive assignments. It's really helpful to participate in the mastering bio homework assignments and quizlet live in class.</p>
1	<p>As the year goes on there will be a lot of things that you'll need to do well in his class. Number one, never sleep in his class because he will take a picture of you and than blackmail you. Or better yet when something fun comes along he won't let you participate in. Number two, always read the chapter at home no matter what, also you'll need note cards to review for as they may be the best thing you'll ever do in your life .you must always take notes on what's being covered.</p>
1	<p>Dear AP Bio Students of 2016-2017, most of you are either taking this class because you want the AP credit, or because you just freaking love science! Whichever may be the reason, just know one important thing.....you are going to have to be willing to put in "work". AP Bio isn't just another P.E class, (no offense to the lovers of physical education) but really requires a few hours of studying a week, tons of reading and research, and a person willing to think. After taking this class, I've learned to balance my schedule out. For those of you taking freaking 3 or more AP classes, really re-consider if this is the right time for you to be taking this class. Like I said, it requires a lot of time and energy. If you think maybe you won't be-able to do that, you should maybe wait for another time to take this class. That's all right. No shame in your game for doing that. Dr. Gottfried is a really great teacher and If you happen to find yourself failing the class at any point in time, it may just be you not being able to handle the hard work that comes with mastering AP Bio. I believe every student has the potential to excel in this class and master the material with ease, if they do two things: "Study & Read AP Bio". On this note, I wish you all the best, and I'm sure you will do great, if you just put in the "work"!</p>
1	<p>Exam/Course Advice Give yourself enough time to study because waiting until the last minute results in cramming which can lead to failure. Do not procrastinate because the sooner you start learning information and keeping it in your head, the more you understand it and can use it to your advantage. Find a balance that you feel comfortable with. Do not fall asleep in class because you'll miss out on life advice, jokes told by Dr. Gottfried, and important information about biology that might be on the test. Eat an apple before the exam because it gives more energy than coffee. Organize your study space by creating an organized planner including sticky notes, due dates on assignments, etc.. Use flow charts and diagrams and memorize information. Study the Biology textbook because exact charts from the book just might appear on the exam. Watch Youtube videos based on AP Biology and study with flashcards. In the words of Dr. Gottfried, "YOU NEED TO BE STUDYING Getafive, Mastering: Dynamic Study Modules, Mastering chapter reviews, Crash Course Biology, Bozeman Biology, Review Books, and Quizlet". Don't just wait until two weeks before the exam, start studying from the beginning of the year. It is essential to practice old exams to get familiar with how the actual AP exam that you'll be taking will be set up. Snack on "brain food" such as oats, beets, nuts, flaxseed, vegetables, and protein to stay focused all day long. Drink plenty of water to stay awake and hydrated. It also has a major effect on energy levels and brain function. It never hurts to ask questions so do so if you need to. Explain your answers to others to get feedback from them and see what their point of views are. Organize study groups with friends and take them seriously. If you say you're going to study, actually study don't slack off because in the end you'll regret it.</p>
1	<p>For the incoming AP biology students, here are my suggestions. If you want</p> <p>to be successful in the class and AP test, always pay attention to the lectures and</p> <p>make sure you take good clear notes; most of what Dr. Gottfried goes over is</p>

covered in the test. Another suggestion would be to keep up with the reading of the book, as you might get lost during the lectures if you haven't gone over the material, when you read the night before the lecture is given and you pay attention to the lecture and take notes you will be learning a lot and in good shape for the exam.

As in for the exam itself, start studying ahead of time, don't wait until the last couple of weeks to study, there is too much content and you need time to go over it and refresh your memory on it. Listen to Dr. Gottfried, believe it or not, he knows what he's talking about.

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Hello and welcome to Ap Bio!

Mind you might already have taken an intro to this class your freshman or sophomore year, and have already had the pleasure of having Dr. Gottfried as a teacher already. The class basically works the same was as Biology Honors. If you have had not had Gottfried as a teacher before these are the things you should know.

You will learn that this Ap biology class is a very lecture class, and more often than not he tends to teach in the dark and turn off the lights and make the classroom very dark and hollow. You will be tempted to fall asleep, not because the material is not interesting, but because he makes the classroom environment is very comfortable to his students. As I was a student who slept often here are my helpful hints.

- Be meticulous and don't make dozing off a habit, keep yourself occupied by taking notes.

- Sit in the front of the classroom
- Be the one to lead the lab conduction in your group, it will make writing the reports much easier
- Once you start doing Mastering Biology, you need to keep in mind from the very first day how helpful they are!!!! Make this be your learning guide. I know it might be tedious to do these assignments, but it only hurts if you save it for the last day at the last hour. At the end of the year, review all assignments.
- Boseman videos are a very great review at the end of the year
- Turn in everything online, you will get extra credit at the end of the quarter.

The course is really great, and his humor and his choice of music is very great and always a pleasure to enjoy. Have a great year!

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To the future AP biology students:

First I would like to say that you are about to take one of the hardest classes at ATM, it is a very rigorous class that I've ever taken, it was a class of constant work and study, but Dr. G made it as smooth as possible, even though it was still pretty hard, Also be ready for the master in bio homework, it is literally one of the most annoying homeworks that I've got through high school, but the reason why Dr. G made us take all those online tests was only because it was the only way that we could at least memorize or at least understand what was going on in class, so at the end, it is very helpful and also the best way to study before a test. Also be ready to be hearing scientific and very mean jokes from Dr. G. through the entire year I only understood two jokes from him, maybe because my first language is not English. If you are a guy he will also teach you

	<p>how to pick up girls on scientific way that only a smart girl would understand. If you came 3 weeks late to the class don't worry because that happened to me at the beginning of the year thanks to the amazing way the school is organized, and still could get trough the class. Be also ready for the AP test because is one of the hardest test that I've taken. Dr. Gottfried is one of the best teacher that the school have, so just try to learn from him as much as you can, because he would teach you not only biology but also how to survive in Greece or Turkey just in case you order the wrong coffee. Be grateful that you now have him as a teacher because I couldn't be more happier that I choose to be that class.</p>
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2	<p>Advice to AP Biology Students</p> <p>The most important advice is to not slack off on assignments specially the mastering biology. If you slack off the mastering biology or resort to getting the answers from quizlet or another friend, as I and many others did, you will fall behind. Biology is a class with too much to cover so doing this may seem like the "smart" thing to do at the time but in the long run it will do nothing but hurt you when you take exams in class and even in May. Also, it should be noted that Dr. Gottfried has an amazing policy for late grade where he only takes 5% of your grade for every day the assignment is late which is extremely beneficial when you have a lot of homework from your other AP classes, a job, or extra circular activities. However, when taking this class this kindness shouldn't be abuse and taken as an excuse to procrastinate even further since there is so much material to cover, more work will add up. Do not start studying less than 2 weeks for the AP Bio exam. After taking the exam I realized that anyone is capable of a 4 in this exam if they actually put in the time and study the material. Simply, the key to do both good in class and in the AP exam in May is to stay on track.</p>
2	<p>Dear 2016-2017 students, Welcome to what may be one of the most mind-blowing classes ever. And when I mean mind-blowing, I mean that it may make you want to rip your brain out of your head just to look at it to keep yourself sane. This class is something that forces you to look at things differently and appreciate how complex the smallest things are. This will be a fun year for you because Dr. Gottfried is amazing and hilarious but please please listen to him. Actually try to understand. In the end, you'll regret it if you don't. The biggest advice I wish I listened to was to review. That huge textbook that you think you're going to read will serve you no help if you want to dedicate this year to actually studying AP biology. If you don't actually understand what just happened in class, go home, go on getafive.com or Crash Course, watch a video, take notes if you want, and then take that</p>

	<p>nap you've been dreaming about all day (or not- I don't know you). This course is hard and can get very complicated. Make sure to slow it down for yourself if you have to. It's not that hard- trust me. For the AP Exam, make videos your best friend to study off of and do vocabulary on Quizlet. Don't ever ever ever overthink the FRQs. Trust me, they're not that hard (this is the whole "thinking like a biologist" thing Gottfried will or already told you about). Finally, please don't annoy Dr. Gottfried by talking in his class while he's lecturing. Show respect. This guy tells jokes, but he isn't one. Actually listen to him because nothing stupid will ever come out of his mouth. He has a PhD for a reason. If you even went on here to actually read these, I have full faith that you'll do fine in this class. I wish you the best. A 2015-2016 student</p>
2	<p>Dear AP Bio Student, This class isn't really that hard if you just study the information that you have to know. But you actually have to get up and study, which I did not do much of. I don't know right now as I'm writing this what my score on the AP exam was, but you'll obviously know while you little AP bio fetuses are reading this. DON'T BE AS LAZY AS I WAS. Good Luck!!!</p>
2	<p>Dear AP student of the future.</p> <p>Let me start out by saying you picked a wonderful class to choose. Rigorous as it might be, you are given one of the best Biology teachers in the world in my opinion. So there should be no reason for you to regret choosing this class. With all this being said it is not just Dr.Gottfried's job to fill your head with all the knowledge in the world in order to pass the AP test, the responsibility also falls on you. Take the necessary precautions and make his job easier because when you make his job is easier, he is able to spend more time assisting you on what you need help in. Furthermore, as a past student of this class, I know what it takes to be successful here and no matter what score I received, these guidelines should help you in the class and on the AP test</p> <p>1. DO NOT CHEAT ON THE MASTERING BIOLOGY: This guideline I cannot stress enough, because although Dr.G does not check to see whether you get answers from your friends, he knows when your Mastering Bio scores don't add up to your in- class score. In the end, you're only harming yourself because Mastering Biology is not intended to be this hard mini test, but is supposed to be a refresher or a study guide for when you do not always have Dr.G at your disposal. It makes a big difference.</p>

2. Sit in the front / Be engaged: Although no one likes to sit in the front, it tends to be a big difference maker. Sitting in the back causes too many distractions, believe me. Dr.G gives a lot of freedoms because this is a college class and he expects us as students to conduct ourselves as such, but once you abuse it like being on your phone, you're only robbing yourself of information that you need. Dr.G already knows this stuff, you don't. DON'T BE AFRAID TO ASK QUESTIONS. There's no such thing as a stupid question in this class, but there sure are funny ones

3. Take the initiative: What I mean by this is, there's no such thing as free time in this class, there's "individual working" time where Dr.G expects you to be able to manage your own time and work on what he gives you, even if it isn't mandatory and is something extra. Even if it's an extra assignment, JUST DO IT because it only helps you. It really makes all the difference in the long run when you've done the work

This is my honest opinion on how to pass this class because Dr.G makes it so simple. So In the end it's up to you whether you take the advice that is given to you, but it'll pay off in the long run if you do. Just take it like this if I get a passing score, turns out I was right. If I get a 2, then maybe I would've passed by taking my own advice. By some rare chance where the stars align and I happen to get a 1, TAKE THIS PAPER, BALL IT UP, QUIETLY STAND UP AND THROW THE PAPER INTO THE TRASH YELLING "KOBE"

2 Dear future AP Bio student, Welcome to Dr.Gottfrieds class you will take part in a very interesting class, in which you will learn lessons that are very interesting. It's very useful not to be an ignorant potatoe in his class, the things you'll learn can be very useful for the rest of your life. Anyways useful tips would be DONT sit near your friends, you see them enough they will just be a distraction in class. Get 8 hours of sleep AT HOME, don't be that student who naps in class daily (it's disrespectful). Just do all your work pay attention in class and ask questions when needed! Biology doesn't click into

	everyone's brain it's okay to ask questions don't be shy. Sincerely, class of 2016 AP student
2	<p>Dear Future AP Bio Students,</p> <p>My advice to you is to definitely do the Mastering Biology. With doing this you will gain much information, but i advice you, DON'T LOOK UP THE ANSWERS!!!! It will not benefit you whatsoever... I can tell you from experience that when i did the Mastering Biology without looking up the answers i learned more then when i did. The Mastering Biology really helps, and it gets to a point where you will eventually see those questions again, so definitely pay attention to some of the questions. Also make sure to pay close attention to his weird but very helpful comments. You will be like "what the" but if you really pay attention you will get it and it's a great way to remember that information. Everything that Dr.Gottfried says is very helpful and there is always a point to it. Just make sure to complete all the labs, and homework assigned and you will be fine. Good Luck!</p>
2	<p>Dear future AP Bio students, You have signed up for quite the vigorous class. Although Dr. Gottfried makes it fun and interesting, the AP exam is very different. First off, do not wait until the last month before AP's to study, because you will regret it completely. Make sure that you understand EVERYTHING that Dr. Gottfried teaches while he does because if you don't, you need to rely on the review books for help, which isn't as in depth as you are taught in class. Since Dr. Gottfried goes through each lesson daily, make sure that when you copy the notes, you later review them so you can actually understand what he is saying. This is something I wish I did because I ended up relying on crash course videos to understand something he went over in the beginning of the year. For the exam, a lot of what you're tested on ISN'T based off memorization. I stayed up for several nights memorizing the processes of photosynthesis and cellular respiration, and not one question talked about what I reviewed. A lot of what you will see is situational questions and what they will ask you to do is explain what's happening, or what is expected to happen. The same goes for the FRQ's, they didn't ask me to explain any processes, instead they gave me a situation and asked me questions relating to that. Therefore, if you cram and try to understand everything about AP bio weeks before the exam, there is no use even trying because if you don't complexly understand what you've learned, you won't be able to learn it all that fast. While Dr. Gottfried gives you a good amount of time to complete assignments, and very few tests to worry about, don't take advantage of this to slack off and wait last minute. The exam was VERY hard, and no one wants to fail an exam for a class they've worked hard in all year. What I recommend is that you try to understand the basics of AP bio during the summer using Barons review books and understand everything he goes over throughout the whole year. Take at least two hours weekly to just go over what he has gone over so you don't forget anything. Since I was in more than one AP class, all I did was get my homework done and study for tests whenever I had time. It may be hard to stay up a few nights to study but at the end it pays off completely. As soon as that AP exam is over, and you feel confident with how you did, all the hard work you put in will be worth it. Plus, passing the AP bio exam looks REALLY good for college. Good luck!</p>
2	<p>Dear Future Dr. Gottfried AP Biology Students,</p> <p>If you are worrying about this class let me assure you that everything's going to be fine, you are in good hands. Dr. G is one of the best teachers you could ever have. I had him as a teacher for 2 years throughout high school, in 10th grade for Biology Honors and now in 12th grade for AP Biology. I guarantee that he will prepare you efficiently for the AP test and teach you a great amount of material, as long as you put effort into it. Let me just say that it is very crucial to pay attention in class and listen to everything Dr. Gottfried says, because every little thing he says is important. When taking the AP Biology test I came across a few questions that I was able to answer only because I remembered what he said and taught in class. I was so glad for that because if I had not paid attention in class, I probably would have not answered those few questions correctly. Another important piece of advice is to complete all the homework and assignments he gives, there's a purpose to them all and they will also help</p>

	<p>you with the AP test. We performed a fruit fly lab in class and there actually was more than one question about fruit flies on the AP test. The multiple choice section of the AP exam is do-able for almost everybody, since it consists more of common sense. However, I believe that the FRQ section is the much more complicated. I would suggest to focus on studying for the FRQs. In complete honesty I did not study much for the AP test, and I know that is going to be one of my biggest regrets. STUDY FOR YOUR AP TEST. Although I tried to my fullest extent, I know that if I put my mind to it I would have been able to get a better score than I did. I strongly advice you to take the AP review in class seriously because it does help, and to also study on your own by taking practice tests and understanding your mistakes. You are going to have an amazing year with Dr. G, just be a good student and do your work and you will be fine. At the end of the year you will see that I was right about everything. Enjoy your year and be happy that you are learning from one of the best and knowledagble teachers you can have.</p>
2	<p>Dear incoming AP Bio student, AP Bio is actually not anything like regular honors Biology. In honors you learn about ecology and regular fundamental cell functions. In AP, you learn about the electron transport chain and the plasmodesmata. Do you know what that is? Don't worry, kid, you'll know soon enough (I hope.) How about a monosaccharide? What is a polymer? If you can answer all of this already, well, congrats because you will obviously be that only kid who gets a 5 on the AP test. Now, if you're on the regular scale like yours truly, this is not a class you should slack in. If you try hard enough, earning an A in this class will not be hard. (I mean if I could do it, you can definitely do it.) Gottfried's tests are not something to mess around with because there will be a moment in life when tears will fall down when taking one of them. To be completely honest, you shouldn't stress about taking this class. When I first started taking AP Bio I thought it was going to be a complete disaster and I actually am not in that stage in my life so yay. Just study hard, try to sleep (trust me) and all in all have fun in Dr. G's class because if you don't learn what a cell membrane is made out of, you'll definitely learn how to make a noose out of rope :) good luck!</p>
2	<p>Dear incoming AP Bio students, Welcome to a course that is not only one of the most strategic AP's in our school but is also taught by one of the most amazing teachers ATM has ever had. If theres one piece of advice that I can give you it would be to not let your peers distract you from learning in class. After switching classes in the middle of the year, I was with more talkative people which enabled me to give my full attention to the class. I started to slack off and that is exactly my advice to you....DONT SLACK OFF! This course isn't given all the time in the world to be taught so don't be afraid to read ahead and try to learn more on your own. Mastering Biology can be hard at first but check out a text book and read it as you answer the questions it asks you. If you do this while taking notes as well you'll be ready for any tests.</p>
2	<p>Dear Incoming AP Biology Students,</p> <p>My first and most important words of advice to you is: DO NOT TALK WHEN DR.GOTTFRIED IS TALKING! I am speaking to you from personal experience, it is not worth it to gossip with your friends during class for several reasons. Dr.Gottfried wont yell at you or give you a referral, instead he will "subtweet" you (indirectly call you out) about the lack of respect you have, which hurts more than any referral ever could. The more significant reason to focus on what Dr.G is discussing is; you don't want April to come around and you have to be glued to your AP</p>

	<p>Practice Book struggling to get a 3 all because you didn't pay attention in class. Be that as it may, when April comes around, make sure you have the latest Barron's AP Biology practice book regardless of my previous statement. Personally, I've used Barron's to study for all my AP Exams and it has yet to fail me. The book covers all the topics you need to know to pass and even get a 5. If you paid attention in class over the school year the book will come as a review, if not it'll become your best friend as you spend every waking moment truly understanding and memorizing the matters it discusses. Either way the Barron's AP Biology book is more than just useful, it's vital to your Bio studies. Lastly, once you believe you understand the topic you've last studied quizlet it. Quizlet has match games and fill in the blank games you can play to assure yourself you understand and remember what you've studied. This comes in handy in studying for Dr. Gottfried's chapter tests as well as the overall AP Exam.</p> <p>Sincerely,</p> <p>Past Student</p>
2	<p>During this school year, an advice that I will give students based on what I went through is to make sure you don't let all of the homework pile up. When all the assignments get piled up and you only have a few days to complete them, it will definitely make your life hell. Also, start studying 3 weeks prior to the actual exam and make sure you actually have some knowledge learned in the class before you start studying so it isn't all foreign concepts to you.</p>
2	<p>Going into Dr. Gottfried's AP Bio class is really a lot of fun. It may not seem like a time-consuming course initially, it'll become a living hell if you're not on top of your studying game. Start early with quizlet vocab. A user by the name of Melinda Spencer has put up many sets, some with over 1,000 words. These will help towards the middle of the year. When he assigns a mastering biology assignment, actually do it and take notes. Sure copying and pasting the questions into Google is easier but you're not learning anything. Just because you ace a lab doesn't mean you know what's happening. You really do need to study and become AP Bio in order to score well on the AP exam. Just because you can get an A in his class doesn't mean you can get a 5 on the exam.</p>
2	<p>If I were to give any sort of advice to next year's AP Bio victims, I would say to study, study and most importantly, STUDY!!! It is important you take this class seriously. If not, it will come back to bite you in the butt and it will be difficult to come back. It is imperative that you make this class a top priority and focus at least 2 hours of studying each day! The AP exam is brutal and it's best to prepare now and not study the day before the exam!</p>
2	<p>If you are reading this that means you are taking AP Bio with Dr. Gottfried this year. The first</p>

	<p>and most important thing I'm going to tell you is to take this class seriously. You can't BS this class. If you do it will show up on your AP test score. You don't want to take a class for a whole year to fail the AP test do you? This class is also very fun though, Dr.G makes the class amusing with his jokes but most of all you won't get bored of learning in here, that is unless he turns the lights off , that's when it's all over. This class goes two ways, it's either your going to pass or your going to fail the AP test. Which will it be for you?</p>
2	<p>My advice to incoming AP Bio students is to STUDY. I definitely suggest you to get familiarized with all vocabulary terms for the AP test since a lot of the questions consist of complex vocab. Also, Gottfried is the type of teacher to treat you like an adult... there's no baby spooning basically meaning that if you want to do well, it's on you to push yourself, come to class, and do his work honestly. The course is actually very interesting, and in my point of view, useful information for your everyday life. If you cooperate with Dr. Gottfried and treat him with respect, he will give you the same treatment in return. Good luck!!</p>
2	<p>Some advice/ tips you will need for AP Biology start studying three months in advance to get a full grasp of content to expect to know for the multiple choice. Get a study guide book to get preparation for questions somewhat similar to the AP Exam (Barons was my choice). And it has great information to study that will be on the FRQ portion that will be useful to get points. Also go to the textbook look at all the review questions as they use questions exactly and similar to FRQ's on the Exam. Make sure your learn Biochemistry, the cells and understand it as well for evolution. PAY ATTENTION TO THE LABS and lastly don't study the day before the exam at night you will stressed yourself out just relax and believe what you want to happen.</p>
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3	<p>AP Biology is not an easy course. Do not mistake Dr. Gottfried's ability to make the class fun for easiness. Take advantage of class time and ASK for clarification on what you don't understand even if everyone APPEARS to get it...because in reality, it's not just you who is confused. Do not procrastinate and copying the homework does not help you in the long run. If you don't like the textbook, there are a thousand other sources to help you so take advantage of them. Make the most out of the year and class because Dr. Gottfried is probably one of the best science teachers you will have so take advantage of the opportunity to really learn something. All the hard work will pay off when you get a 5 on the exam.</p>
3	<p>Dear future AP Bio student, I know this sounds crazy and probably every AP teacher you've had has said this, but you really do need to start studying from September. By studying, I don't necessarily mean you have to get your review book(although the sooner you get it the better), but you should read</p>

	<p>through all the chapters of the text book no matter how much you hate reading. It might seem like a lot, but if you space it out you won't even notice how much you've read. Also, do ALL the mastering biology assignment because they are great to help you understand the material. When the AP exam starts to get closer, you might start to get nervous, but the best thing you can do is get a review book and watch Bozeman biology and crash course videos. I feel that they really helped me understand things that I hadn't understood before. The last advice I have is to not wait for the last day to study because it will not help, instead, try to relax and go to sleep early.</p>
3	<p>Dear future Ap bio students</p> <p>Listen, before you know it the year will be over and time would have gone by extremely fast. It's easy to goof off in the back of class and not pay attention but it really isn't worth just wasting a year of your life for something. You never really know if you'll like this subject so you should definitely pay attention. Ap biology is not a class that should be taken lightly, it is an Ap science course. Whatever you do don't fall asleep in class no matter how tempting it is don't do it. You will have more then enough time to do your assignments but don't procrastinate until the end to do it, trust me I know.</p>
3	<p>Dear Future students of Dr.G, I'm here to deliver to you all some helpful tips on how to pass AP Bio(if I passed hopefully since I'm making this advice ahead of the time when I figure out if I passed). My first tip is to always read and do Dr.G assignments because they help prepare you a lot for the exam by helping you figure out the basics for analyzing and understanding the multiple choice questions and FRQ's. My second tip is to do study groups with your friends starting spring break and do these study groups every weekend for 1-2 days of it where you go over a Pearsons or Kaplin review book for AP Bio. These study groups helped me Pass AP World, AP Human Geo, AP Environmental Science and hopefully AP Bio. My third tip is to buy vocabulary flashcards for AP Bio and to learn and understand atleast 5 terms a week, this process will help you understand the questions on the exam and in class. My best and final tip is to not procrastinate because honestly almost everyone procrastinates, but if you realize it ahead of time and stop yourself then you'll feel a heck of a lot better when the exam comes close and you actually feel prepared.</p>
3	<p>For A.P Bio, you need to make sure that you listen to everything Dr.G says and do exactly what he tells you. Even though it will be hard to stay awake most days, you have to tough it through. My suggestion is bring a snack to every class and every time you feel yourself dosing off, take a walk to the restroom and back, it will keep you from going into a 2 hour coma every class and save your A.P score at the end of the year.</p>
3	<p>I need all of you that are reading this to take this advice and let it take control of you so that you can end up with a passing score on the AP Bio exam. The AP Bio exam is not only a biology exam but it is also a reading test. The creators of this exam are going to push your reading and critical thinking skills to the limit as you have to read a page worth of information to only end up answering a question about mitosis that you could have easily answered without reading that page. Use your time to not only study the content but also improve your reading speed as it will greatly assist you in the exam. Also, Quizlet Live actually works. If you don't know what that is I guarantee that you'll</p>

	know by the end of this course. It helped me answer some of the multiple choice questions. Other than that, you'll be fine so have fun.
3	If you are reading this, you probably just walked out terrified out of the future AP Biology students meeting or your first AP Biology class. But don't be! Following these small simple rules will help you succeed and walk through AP Bio with smile on your face: 1)Read Don't Panic! guide. Dr. Gottfried put a lot of time and effort into it and you will be able to find a lot of tricks and tips while reading through this 2)Complete extra credit. You will need this extra A, after you get your biochemistry exam grade 3)READ THE BOOK! It is not a typical class, where teacher will constantly brag you to read the chapter. Make notes and Quizlet index cards (it will really help later) 4)Ask questions. If you have questions about particular topic, don't be afraid to seem stupid – just come up and ask, because biology is like a domino and if you miss out on the particular topic, you will experience difficulties with others 5)Start early. Please, please, please, make yourself study early for AP exam. If you start intensive studying three months in prior, you will do fine 6)Start studying for your tests early too. It is much easier to memorize DNA replication in two weeks than in two days 7)And last but not least, believe in yourself. AP Bio is hard, but you can make it! P. S. If Dr. Gottfried is nice to your class, it is probably an experiment.
3	In regards to AP Biology, the trick I guess is to work over a long period of time. It is difficult to learn everything last minute for this AP, thus if you are consistently completing the Mastering Biology, reviewing the chapters, and taking conscious notes during class you should be doing just fine. Also, if you need additional sources I recommend going on YouTube and looking at Bozeman's and Crash Course's videos.
3	One helpful advice to be successful in AP Biology is to do the best you can and put in the most effort. You should not slack off like most of us did especially if you are a senior. You did sign up for an AP so take it seriously, study hard, go over AP test FRQs, and do your work in Gottfried's class. Your hard work will pay off when you pass the AP Biology test. You should not make the same mistake that most of us made.
3	So you think you can take on AP Biology this year? I envy your confidence because I signed up for this class primarily to fill up my schedule and not have to look like Mickey during college applications. The class itself is one of the most entertaining classes I've ever taken. Dr Gottfried's broad experience in teaching, marine biology, and life in general will keep you interested. The one thing I did not do enough in preparation of the test is study using the text book. I opened it once or twice throughout the two weeks before the test. However, what helped me prepare the most is likely learning vocabulary by chapter on quizlet. Quizlet provides some useful tools that seemed to work quite well for me.
3	The most important advice I could give you would be to read.the.damn.book. So many people are going to drop reading the book throughout the year, and you're going to believe that if the others aren't doing it, that you shouldn't either. But just because everyone else is being mediocre doesn't mean that you should be too. The book has all the materials you need, nothing else is as thorough and detailed and wholly as the book. You will see an evident difference between the grades you get in the quizzes and tests and assignments that you studied for using the book, and those that you did not read the book for. Ultimately, you want to be prepared for every topic in the AP exam, and the only way to achieve mastery of the entire AP Biology course is to read.the.damn.book.
3	Throughout this school year i felt very prepared for the AP exam. The teaching methods that were used this school year were engaging and beneficial. The use of power points were efficient and pointed out many key points that would help towards the AP exam. The only down side towards the teaching method was that there was an overuse of the power points. The only thing that should be added should be a more interactive power point lesson. Many students will not have the ability to comprehend the material without the interactive class. Besides the interactive power points all the material for the class is covered completely. Advice for the incoming students would be to pay attention to all power point slides and to not surround yourself with your friends as you will become distracted and not be able to perform at the highest level possible.
3	To the future students in AP Biology, This class will either be unbelievably interesting and thought stimulating, or tedious and boring depending on how you decide to walk into class everyday. I personally found the subject incredible and was excited to learn from Dr. Gottfried from not only his interpretations of the material in the text book, but his own personal examples also. So my first point of advice would be to definitely open yourself up to the material because it will make reading the textbook and studying worlds easier. That leads me to my second piece of advice for you soon to be biologists. In simple words...READ THE CHAPTERS!!!! Even if it is only 30 minutes a day make sure you crack open that book and get reading because it will help you so much with understanding the concepts in the course which will lead to your success in the class and the AP Bio exam. Time-management is the next set of advice I will give you, because I spent so many nights stressing the last minute due to my lack of initiative and planning. Being organized will allow you to manage your time in an efficient way without those long nights and short mornings. Not only will it save you some rest, but it will also get you in shape to prepare to allocate time to study for the AP exam throughout the year. Speaking of the exam and when to start studying, Dr. Gottfried is not wrong when he says the studying needs to start in August. If you dedicate yourself to being disciplined on your study techniques and efficiency regarding doing your work, I have no doubt that you will pass the class with an A and score at least a 4 on this exam. My last

	<p>piece of advice for you all is to not freak out about the test, and Dr. Gottfried preaches this. He prepares us so well that you will literally see an FRQ about the Krebs cycle and be able to write a book about it. If you know that if you take a deep breath and think about what you've learned throughout the year, the test will be a breeze because you will end up knowing so much more than you ever could have imagined. I know this class is daunting and you may be looking at the assignments due the first day as if it is the end of your life, but have hope because dedication, a small amount of organization, and the presence of an open mind, will lead to great success in this class.</p> <p style="text-align: center;">Best regards, AP Bio Survivo</p>
3	<p>Yay!! You're in AP BIO!!! Most of you are probably in this class because you want to be able to put that on your application. There's nothing wrong with that. However, if you think that you can just sit in a desk and ignore Dr.G and still pass the test you're crazy. If you are in this class because you want the praise and knowledge that comes with it you need to pass the test. Just shortly did I take the exam and it was difficult. You need to actually listen to Dr.G; He is extremely intelligent and honestly a funny guy. He made learning fun and I enjoyed it. I promise that I'm not trying to be a kiss a**. If you aren't disrespectful and fall asleep in his class you will learn so many things. From the box models, glycolysis, life is snot, evolution, and my favorite bad jokes. If you're good he will reward you with kisses. Not just any ordinary kisses, chocolate ones! My best advice to you is try and learn from him. Do what he tells you. Trust me you will feel more prepared for the test. I look back and regret when I didn't do optional assignments or when I didn't go through the shared docs he has. That's another thing; familiarize yourself with his website early on in the year because it will be your best friend in the class. "Now go forth and reproduce" :) you will soon know why I quoted that. Good luck and have fun!</p>
3	<p>You <u>must</u> start studying for the AP exam early! AP Biology has so much material that there's nearly no possible way to slack off and leave all studying to the last few weeks and still get a high score on the exam (coming from someone who tried this and things didn't go as well as planned). Even though it might seem like a pain to study, it benefits you in the future, even if this means only study an hour per week. It's recommended to study more, but it's better than not at all! Also, time catches up to you! The end of the year and time for the exam comes by so fast so start studying from the very beginning of the year. Even if you think you know everything from a certain chapter, study it again until you've mastered it. Most importantly: <u>don't take Dr. Gottfried for granted</u> (I'm not saying I did btw)! He's a nice teacher and it's easy to have a good conversation with him but just because he isn't one of the cruel teachers doesn't mean slack off and think it'll be an easy year! I only got a good grade because I really tried in the class, not because it's easy. He's there to teach and help you so put that into consideration! Finally, definitely take notes. There are always little details that help for future labs or tests and certainly the exam at the end of the year so don't sit there attempting to memorize it all because it's WAYY too much information to do so. Good luck :)</p>
4	
4	<p>First thing to know and remember - if you are here to sit around and do nothing, you may as well schedule an appointment with your counselor and change the subject. Second thing: if you don't wanna sit around and do nothing, AP Bio turns out to be one of the best subjects you've ever had. Also hardcore, too. But listen up: half of this hardcore magically dissolves into nothing (which is both biologically and physically impossible, but this was a metaphor anyways) if you don't procrastinate. Do. Your. Work. You really have to be responsible for this class. Take care of long-term projects in advance, so short-term homework doesn't keep you busy until the very end. This is really helpful - checked on myself. And don't tell me you don't like this sweet feeling of superiority when everyone's struggling to finish the project to its due date and you did it in advance. I won't believe you. Or if I will, you might find there's more problems in your life now. Ahem. Back to advice thing. Let's refer to AP Exam now. Again, get ready for it. Don't start studying in haste when you've got one month left - it won't help. You start from the very beginning of the school year and finish with an A, or you fail. Well, maybe not fail, but have some significant difficulties passing. Which is a soft way of saying «fail». Study! Dr. Gottfried will give a ton of sites and resources, it'll be a shame if you never use them and then wonder how come you didn't pass the test. It's not going to look like a big deal 10 years later, but it will look like that next year, still. So. Study through the whole year. Use the resources. The best one you have is your brain - don't waste the space there, train your neurons! They'll appreciate it when you're older. Pinkie promise. And on the day of the exam... don't stress. If you studied, you'll be</p>

fine. If you didn't... nerves aren't fixing anything. Crying won't magically give you information you lack from the air - you had to get it when you had a chance. Plenty of them! But that is regarding those who didn't study, and I'm pretty sure you will learn a lot and concentrate well after this letter, in case you didn't do so on your Biology class. Which brings me to conclusion - just keep up the great job you did already. You'll do great. Dr. Gottfried'll teach you and you'll learn from him not only a great deal of biology, but even more of life.

4

Hello AP Bio students!

The way this class works is that the workload is not too demanding and Dr. Gottfried is a great teacher. Dr. Gottfried will scare you with the amount of work that you have to do, and if you do it to his schedule you will no doubt be successful, but it is also not human. There is a lot of time to study on your own time. This was one thing that scared me and I got so overwhelmed I ended up reading almost nothing because I felt the need to take detailed notes. Reading something once by skimming is much better than doing nothing at all, and don't feel the need to go insane. But, the more you know the less you will need to relearn (or see for the first time) when you decide to start studying for the AP exam. Also if you read nothing, bearing through the lectures are hard because you see the material for the first time. I loved using videos from www.getafive.com, and those can be balanced out throughout the year after lessons and they are about 5 minutes and really helpful if you are a person with a Goldfish attention span. Final advice for the AP Exam is to take practice tests, and importantly, know the format of the test. It seems like something you don't need to know, but it's really essential. I finished all of the FRQs, was confident in my answers and fantasized the feeling I would get when I passed all of my exams successfully, I went back to check all the FRQs (or so I thought), and all the while I didn't know that two more FRQs were waiting patiently for my attention. Five minutes left in the exam and I flip FRQ 6 to FRQ 7. I wasn't aware that there was a 7 th . And then

	<p>there was an 8 th . The AP graders will love me. So I wish you a pleasant experience and hopefully</p> <p>you take this class seriously and study to pass and make the efforts worth it. Good luck!</p>
4	<p>In AP Bio, you should definitely review your knowledge of basic chemistry before entering the class. Trust me, it helps to know how charges and protons and electrons work. Further advice would be to pay attention to everything that Dr. Gottfried explains in class, because he can explain it much better than any online video can. Also, know that his "tangents" where he tells life stories and jokes are not random and are scripted, so he will tell your period and the other period the same things. Also, the AP test is essentially ACT science with some statistics and a couple of FRQs. Good Luck!</p>
4	<p>Ten Tips for Success in AP Biology Keep up with the course. A mistake in an earlier chapter will only magnify as advanced knowledge tends to build off of foundational knowledge. It is better to know too much than to know too little. Pay attention to Dr. Gottfried's lectures. You don't notice it but he tends to answer common questions and misconceptions. Use spaced repetition. Review older concepts because most likely you will have forgotten them already. Find interest in what you learn. It is much easier to learn something interesting than something you find mundane and irksome. Create study habits so you do not need to rely on constant motivation. Help others learn. If you can teach someone the subject then you know you are proficient. Do not be afraid to ask questions. Most of the time people around you are having the same difficulty. When learning a topic, explain it to yourself. If you cannot explain it to yourself without reaching for the textbook, you do not know it well enough. When in doubt, choose C. There is no statistical advantage, but it just seems to be the lucky one. P.S. Listen to Dr. Gottfried!!!!!!!!!!!!!! He will get you more than prepared for the exam. Don't be nervous, accept the challenge and commit to working hard.</p>
5	<p>Dear Future AP Biology test taker, Unless you really enjoy biology, the test probably sounds kind of scary with its 60 something multiple choice questions and 8 FRQs, but in all honesty, the test really isn't that bad after the year. Dr. Gottfried will go pretty fast on a lot of the topics, but the Quizlet Live and the other in class activities help you actually process what all of it means. Pay attention to the stories too, sometimes they can actually help you remember topics like apoptosis, and make it easier to work out the somewhat reading based questions. The questions on the multiple choice do have a bit of reading, but if you know the content you don't always have to read through all of it and instead look at the pictures and diagrams to figure it out (honestly, that was how I did about 15 questions of the multiple choice. Hardy-Weinberg can only be explained in so many ways). The FRQs aren't tricky either, they're pretty straight forward in asking what you know and to back it up. For studying, I'm probably not the best person to ask. I didn't buy a review book nor really hardcore study towards the end of the year. But if you need a reference, Barron's review is usually pretty good, and Dr. Gottfried goes over multiple choice and FRQs, with explanations, a lot in the 3rd and 4th quarters. Also, don't skip out on the labs and let someone else do the work and then have <i>them</i> explain it to you. My lab mates tried this, and they did get a good grade, but if you want to understand the concepts you should be able to think it through, since the exam is a "think it through" sort of test. But overall, don't panic, the test isn't there to trick you and Dr. Gottfried is always willing to help.</p>
5	<p>I advise future students to purchase a review book early in the year and bring it to class so they can go over it as the lectures are being given, that way at the end of the year all their highlighting and annotating will be done and they can just review it. Also, try to take notes on the labs done in class, because many of them are directly referenced in the exam and understanding the lab will help get points. Also, pay attention to Dr. G's examples. They may seem random but they are widely known and several came up on the test. Paying attention to the seemingly tangential stories told in class is actually helpful and a more entertaining way of learning than just reading powerpoints. I personally only kept a notebook for the first 1/3rd of the year, and then accidentally lost it and never got a new one, so most of the year I didn't take notes, I only listened. If you're an audible learner, it may be more helpful for you to do the same than to try and write everything down without even fully comprehending it.</p>
5	<p>My biggest piece of advice for AP Biology is simply to listen to Dr. Gottfried. If you pay attention to his lectures, and do the work he assigns, I guarantee that you'll do very well on the AP exam. He gives useful homework and plenty of resources to study from. He also tries to make a lot of connections with the material and the real world (a lot), which makes it easier to remember concepts which can seem almost exclusive to your practical life. So just by being an active participant in his class, you'll do great. Don't stress over the AP exam very much, as long as you focus on trying to absorb as much information as possible, there is no way you can do poorly. Good luck, and enjoy the course (it's actually one of the more interesting courses).</p>

