

Honors Biology Syllabus

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 Website: <http://bit.ly/cbiohonors>
 Textbook: Biology by BSCS



Course Description:

Welcome to Biology! Biology is the study of life, both microscopically and macroscopically. Observations, questioning, and experimentation are fundamental in the study of biology. Additionally, themes such as: energy transfer, homeostasis, genetics, evolution, and the relationship between structure and function are all integral to our understanding of biology. In this course you will study matter and energy, focusing on the role of chemistry in life processes and the significance of cells as the building blocks of life. You will explore societal issues and the use of technology when studying genetics and DNA. You will even investigate evolutionary theory, focusing on natural selection as the cause for change in species, resulting in the vast diversity of life on Earth.

Materials needed for class everyday:

- 3-ring binder (1 inch) with 5-8 tab dividers
- Supplies – red/brightly colored pens; highlighter

Assignments & Projects

Homework will be assigned **DAILY**. Anything that is not completed in class must be finished for homework. I will try my best to post all assignments and project info along with a due date on the class website. All assignments and projects will be collected at the beginning of class on the day they are due. All assignments should be neat and legible. If not, you may be asked to redo the assignment for partial credit. There will also be a “No-Name” basket in the room for the careless and forgetful and it will be emptied every quarter. If you check your grades and you see that you don’t have credit for something you know you turned in, check the basket!

Late Work Policy

All late work for a particular chapter must be turned in by the day of the chapter test. No late work will be collected for past chapters. If a major assignment or project is due on a test day, the student will have 1 week from the due date to turn in the assignment. **ALL LATE WORK WILL RECEIVE ½ CREDIT. Warning: chronically late students will lose their right to turn in late work – the student and parent will be notified in advance.**

Absences

If you are absent, you have ONE WEEK to make up all missed work or tests. It is your responsibility to collect all missed work and to turn it in on time. If a test or quiz is missed, it is your responsibility to make arrangements with me to make it up during AIM, lunch, or after school. After one week, all missing test and quiz scores will become zeros and homework assignments will be late. If you are tardy to class, you will receive a detention. Truants will receive a zero for all work, tests, etc. that were missed on that day. **Missing class due to a sporting/school event is NOT AN ABSENCE – see me earlier in the day to get the work you will miss or it will be marked as LATE.**

Cheating

Cheating, or the intent or appearance of, on any assignments, tests, quizzes, or labs will not be tolerated. This includes “sharing work” or “working together” when not specifically permitted to do so by the teacher. All students involved in cheating will receive a zero on the assignment and will meet with me for further discipline.

Binders & Binder Checks

You will be required to keep a 3-ring binder (1 inch) that will be graded at the end of each quarter. You will need 3 tab dividers for 1st semester and 5 tab dividers for 2nd semester. Your binder will contain all of your homework, handouts, and notes for each unit. You will be required to keep a table of contents and to stay organized. You are not required to write on the tabs so that they can be reused, but they need to be present to separate the following sections of your binder:

Semester 1	Important Documents	Biochem	Cells	Human Body		
Semester 2	Important Documents	Genetics	DNA	Evolution	Ecology	Taxonomy

Grades & Attendance

All grades and absences can be viewed online through Aeries. I will do my best to update grades at least once a week, if not more. **It is your responsibility to check your grade for errors and/or missing assignments and get them turned in before the quarter ends!** Grades are weighted as follows: Bellwork 5%; Assignments 20%; Projects & Labs 20%; Tests & Quizzes 40%; Binders 5%; Final Exams 10%.

100+	A+	87-89	B+	77-79	C+	67-69	D+	59 & below	F
93-99	A	83-86	B	73-76	C	63-66	D		
90-92	A-	80-82	B-	70-72	C-	60-62	D-		

Bathroom Passes

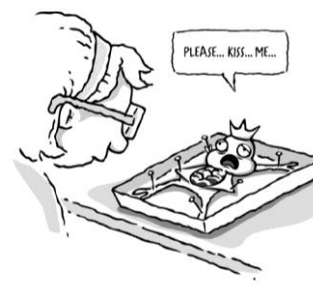
You will receive 5 bathroom passes per quarter. A bathroom pass will be used any time you ask to leave the classroom whether it is to go to the bathroom or visit another teacher's classroom to get something. At the end of the quarter, any unused bathroom passes will be entered as Extra Credit in the Tests & Quizzes section of your grade. All bathroom passes are worth 2 pts of Extra Credit.

Honors Biology Course Outline







	Unit	Chapters	Next Generation Science Standards (NGSS)
Semester 1	1. Biochem	Ch 4: Matter and Energy in the Web of Life	HS-LS1-6
	2. Cells	Ch 5: The Cell Ch 19.1-19.6: Photosynthesis Ch 15.5-15.10: Cellular Respiration Ch 6.1-6.5: Continuity through Reproduction Ch 7.7-7.8: Cancer	HS-LS1-1, 4, 5, 7
	3. Human Body	Ch 15: Food and Energy (Digestion) Ch 16: Maintenance of Internal Environment Ch 17: Coordination (Nervous & Endocrine)	HS-LS1-2, 3
	Final Exam Review		
Semester 2	4. Genetics	Ch 8.1-8.7: Heredity and Genetic Variation	HS-LS3-2, 3
	5. DNA	Ch 8.8-8.14: Heredity and Genetic Variation	HS-LS3-1
	6. Evolution	Ch 9: Evolution: Patterns of Diversity	HS-LS4-1, 2, 3, 4, 5, 6
	7. Ecology	Ch 1: The Web of Life Ch 22: Biomes Around the World Ch 2: Populations Ch 3: Communities & Ecosystems	HS-LS2-1, 2, 3, 4, 5, 6, 7
	Final Exam Review		
	8. Taxonomy	Ch 10: Ordering Life in the Biosphere Ch 11: Prokaryotes and Viruses Ch 12: Eukaryotes: Protists & Fungi Ch 13: Plants Ch 14: Animals	HS-LS4

Classroom Rules

1. Be in your seat with all the necessary materials at the bell.
2. Stay in your seat unless you have permission to get up.
3. Be respectful of others and classroom property.
4. No hats.
5. NO food or open containers - only drinks with screw-on caps.
6. Clean up after yourself.



Common Class Apps

 <p>Remind</p>	<p>Remind is a one-way text messaging system. With Remind, all personal information remains completely confidential. I will never see your phone number, nor will you ever see mine. I will send reminders, when necessary, to remind you of important dates such as “Test tomorrow,” or “cell projects due tomorrow,” etc. I will not send daily reminders about homework; you may check the class website for that information. Remind also has a chat/text feature that will also allow you to contact me directly when you have questions. To sign up, text @cbihonors to 81010. Failure to sign up could result in you missing an important reminder that could impact your grade. Messages I send out can also be viewed on the class website.</p>
 <p>Quizlet</p>	<p>Quizlet is a quiz program that will be used for bellwork and vocabulary words. Quizlet will make flashcards and games using your words to help you study.</p>
 <p>Google Classroom</p>	<p>Google Classroom allows you to receive and turn in digital assignments.</p>
 <p>EDpuzzle</p>	<p>EDpuzzle is a program that allows you to watch videos, take notes, and answer questions. The program notifies me when you have completed a video.</p>
 <p>Socrative</p>	<p>Socrative student is an app that will allow you to take quizzes that I have created. The quizzes may be done in class or at home. Quiz scores will be sent to me so that I can keep track of your progress.</p>
 <p>Weebly</p>	<p>We will use Weebly to create Biology ePortfolios. These will be a professional education website for you to display your work. We will create these in class together but you are expected to maintain your site on your own. Each unit or chapter page you create will be due the day before the test for that unit or chapter.</p>

Your School Email Address & Password

Email = Full first name + first letter of last name + last 4 digits of 9 digit ID@busd.school
 Ex) lissac6789@busd.school

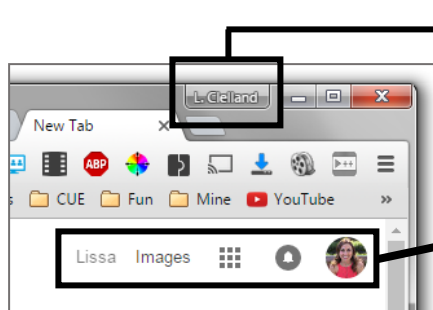
Password = 8 digit birthday (MMDDYYYY)

Tips for Using Google Classroom with Chrome

Signing in to Google Classroom can be tricky if you are using Google Chrome as your web browser. All other browsers such as Safari and Mozilla Firefox should work just fine if you are logged into Google with your school account (school email address).

What most people don't know is that Google and Google Chrome are two separate things. For Google Classroom to work, you must be signed into both using your school email address.

How Do You Know If You are Signed In To Google & Chrome?

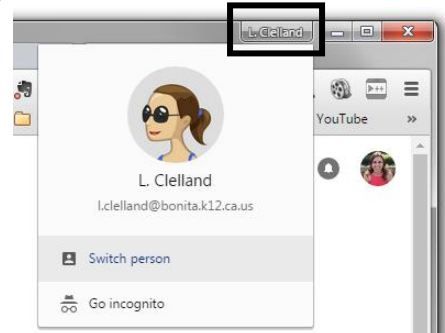


If you see your name or email here, you are signed into Chrome.

If you see your name and image here, you are signed into Google.

How To Sign In To Chrome

Click on the boxed area in the picture below and then select “Switch Person” or “Sign In.” Sign in using your school email address.



The Technology Pledge

Mrs. Clelland's Classroom Technology Contract

The use of Chromebooks, iPods, lab equipment technology, or personal devices in Mrs. Clelland's classroom is a PRIVILEGE that comes with RESPONSIBILITY. In order to protect you and classroom technology, you must follow some important rules and procedures. These rules and procedures are to be followed in conjunction with the BUSD Acceptable Use Policy. Violation of the following guidelines may result in the loss of your technology privileges and/or further discipline.

1. I will only use the devices I am assigned or given permission to use.
2. I will not change any settings or add/remove apps and software without consent.
3. I will only use apps, software, and programs that have been approved by Mrs. Clelland to complete assignments and projects. When in doubt, I will ask.
4. When Mrs. Clelland authorizes the use of the Internet, I will not search for inappropriate material or visit inappropriate sites or sites that are not relevant to the task at hand.
5. I will stay on task and only work on the educational assignment at hand.
6. I understand that I cannot browse the Internet freely for personal entertainment purposes, check my personal email, or browse my social media.
7. I will respectfully use the devices I am provided by handling them carefully and keeping them away from sinks, food and drinks.
8. I will respect the privacy of other students by not using, modifying, reading, or deleting their files; I will not record, photo, or video other students without their consent.
9. I will shut down, put away (in the appropriate location), and charge all devices (when applicable) before leaving the classroom.
10. I will NEVER remove a device from the classroom without consent.

Your class website and some assignments/projects will be visible to the public and other students. It is important that you protect yourself from bullies, cyber predators, and viruses by following these safety guidelines.

1. Never share personal information such as your full name, phone number, or address. If in doubt about the information you've posted, ask a parent, teacher, or administrative staff member.
2. Never arrange to meet with someone you met online without parental consent.
3. Make smart choices when posting/sending content – **you are creating a digital tattoo that will be with you for life!**
4. Be wary of downloading anything that is FREE because sometimes it comes with spyware, adware and/or viruses. This includes clicking on download links from unfamiliar websites and emails.
5. It is your responsibility to report bullying as well as inappropriate photos/comments/conversations (including those on websites of your peers) to a parent, teacher, or administrative staff member. You will remain anonymous.

