



HERITAGE HIGH SCHOOL

Mrs. Hawley, teacher

Welcome to AP Biology!

From the College Board Website:

The AP Biology course focuses on enduring, conceptual understandings and the content that supports them. This approach will enable students to spend less time on factual recall and more time on inquiry-based learning of essential concepts, and will help them develop the reasoning skills necessary to engage in the science practice used throughout their study of AP Biology. To foster this deeper level of learning, the breadth of content coverage in AP Biology is defined in a way that distinguishes content essential to support the enduring understandings from the many examples or applications that can overburden the course. Students who take an AP Biology course designed using this curriculum framework as its foundation will also develop advanced inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. The result will be readiness for the study of advanced topics in subsequent college courses — a goal of every AP course. The revised AP Biology course is equivalent to a two-semester college introductory biology course and has been endorsed enthusiastically by higher education officials.

I am excited to be teaching AP Biology this year. Our focus will be on 4 Big Ideas in Biology:

- The process of evolution drives the diversity and unity of life
- Biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis
- Living systems store, retrieve, transmit and respond to information essential to life processes
- Biological systems interact, and these systems and their interactions possess complex properties

Labs will play an integral role in understanding and applying these concepts. They may not always work but there is information to be gained there as well!

I hope that you will learn a lot this semester and leave with a greater appreciation of the relationships between living things.

-Mrs. Hawley

Materials:

- Spiral Notebook (three subject)
- Pens/ Pencils
- Helpful but not necessary: calculator, colored pencils

Grading:

Homework 10%, Minor assessments 35%, Major assessments 55%

All students are expected to adhere to the **Husky Honor Code**. In science, students must complete their own lab and fieldwork conclusions. Students are only allowed to share data with group members, as approved by the teacher. Any conclusions and analysis must be completed individually. Quiz, test, and homework questions and answers are not to be shared through any means (including pictures), either during or after the assessment. Any violation will result in consequences as stated in the Heritage High School student handbook

Classroom Rules

Classroom Rules

1. Be to class on time.
2. Be prepared by completing homework and reading assignments.
3. Bring all supplies everyday.
4. Respect the teacher and others.
5. Respect lab equipment by using proper clean-up and safety techniques.
6. No personal use of electronic devices.
7. Follow all Honor Code and R.I.S.K. expectations.

Contact

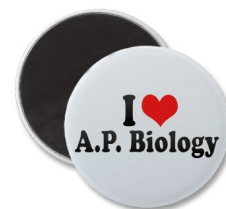
Mrs. Hawley's email:
ahawley@wcpss.net

School Phone:
919-570-5600
(leave a message)

Class Website:
msahawley.weebly.com

AP Classroom Site:
apcentral.collegeboard.org

In addition, you'll need to use your student google drive account.



Tardies and Attendance

1. A tardy is defined as being outside the classroom when the bell rings. I will shut the door when the bell rings. Make sure you are on time to class. We will follow all Heritage HS tardy guidelines. Being late for class may result in missing information that could negatively affect your grade.
2. If you are absent, it is your responsibility to get makeup work. Look for assignments online. Get notes from a friend or online. Tests, quizzes and major assignments assigned before the absence will be expected to be completed/turned in when you return. Speak with Mrs. Hawley. before class or through email for assistance in making up work. You can also make up work during Husky Help or afterschool assistance. Labs are often time sensitive and cannot be set up on a make-up day. Required labs must be completed. Alternate assignments will be given to meet the objectives of the missed labs.
3. Make-up work will only be allowed in the event of an excused absence. Excused absences are cleared through the attendance office. You will be allowed one day to complete make-up work for each excused absence. Two days per absence will be allowed for extended excused absences.

Classroom Procedures and Guidelines

1. Enter the classroom in an orderly fashion, place bookbags neatly on the floor under your table, and gather your class materials. I will move around the room as soon as the bell rings. You must be in your seat ready to begin bellwork at this time.
2. If you need to use the restroom, see Mrs. Hawley for a Husky Pass. Please wait to use the restroom during individual or group time, Not during teacher instructions, lecture or at the beginning of class.
3. Read laboratory handouts before you begin work. When you finish a laboratory, clean up all of your materials. Leave everything as you found it. Points will be deducted from labs for failure to follow directions and/or clean up. . **YOU MAY NOT** consume food or beverages in class unless given permission from Mrs. Hawley.
4. Bellwork is presented at the beginning of each class and checked periodically. If you are absent or tardy you are responsible for the bellwork question and answer.
5. HHS has a new Recovery Test Policy that applies to AP classes. Students who score lower than 70% on a test may now retake that test within the timeframe given by the teacher for a maximum score of 70%. You may retake multiple tests each quarter.
6. Completed late work is accepted for a percent deduction from the earned grade anytime before the school-wide late work deadlines.
7. The only purpose for the technology in the classroom is science work as assigned by Mrs. Hawley or Ms. Burns. Inappropriate use will not be tolerated.

In accordance with Board Policy 2313/3013/4013 and the 21st Century Act all students will be trained annually in Internet safety. School districts are required to educate students about:

- **Appropriate online behavior, including interacting with other individuals on social networking websites and in chat rooms.**
- **Cyber bullying awareness and response.**

Topics and Unit Test Dates:

Dates may be adjusted at teacher's discretion. Quizzes may be added throughout units.

Test Dates	Unit
February 7 (Multiple Choice and FRQ) 2/10 (Workshop)	Unit 1: Biochemistry
February 26 (MC and FRQ) 2/27 (Workshop)	Unit 2: Natural Selection and Behavior
March 11 (MC and FRQ), 3/12 (Workshop)	Unit 3: Cell Structure and Function
March 27 (MC and FRQ), 3/30 (Workshop)	Unit 4: Cellular Energetics
April 16 (MC and FRQ), 4/17 (Workshop)	Unit 5: Cell Communication and Division
April 30 (MC and FRQ), 5/4 (Workshop)	Unit 6: Heredity
May 12 FRQ Assessment (No MC or workshop)	Unit 7: Gene Expression and Regulation
May 22 (MC and FRQ), 5/26 (Workshop)	Unit 8: Ecology
June 8-12	Final Exams-Project Presentations during the exam period

Husky Integrity I will . . . For Science

All students are expected to adhere to the Husky Honor Code. In science, students must complete their own lab and fieldwork conclusions. Students are only allowed to share data with group members, as approved by the teacher. Any conclusions and analysis must be completed individually. Quiz, test, and homework questions and answers are not to be shared through any means (including pictures), either during or after the assessment. Any violation will result in consequences as stated in the Heritage High School student handbook.

In Science, Integrity Violations Include (but are not limited to):

- Taking pictures of any testing materials (even during remediation time)
- Lab partners copying each others' conclusion questions, and hypothesis.
- Copying and pasting anything on any assignment without citing the resource correctly-This includes work shared on the internet by other students!
- Posting any class materials on social media or other internet sites for others to see and use
- Using the work of students from other classes and other semesters, including homework, projects, and out of class work.

BYOD (Bring Your Own Device) at Heritage High School: As of the 2016-17 School Year, HHS is officially a BYOD (Bring Your Own Device) School. As such, Students are required to sign the HHS/WCPSS BYOD Contract and Technology Usage Agreement. These forms only needs to be signed one time and will be kept on file. Other information concerning policies and procedures can be found at www.hhsbyod.weebly.com. However, the specific policy for mobile devices in every classroom is such:

Students may use their devices in the classroom during instructional time, with teacher direction and instruction.

Teachers will display a RED card/signal indicating that your device is powered off, put away, and is NOT in use. T

eachers will display a YELLOW card/signal indicating that your device is on silent and is face down on the desk. Student should ask before using.

Teachers will display a GREEN card/signal indicating that your device is in use as directed by the teacher.

Around the School Building:

Red Zones: The device MUST be OFF and away at all times.

Restrooms

Locker rooms

Gym (Outside of Teacher directed instruction.)

Green Zones: The device, when in use, must be on SILENT or VIBRATE at all times.

Supervised Instructional Areas (i.e. Locker bays,

Media Center,

Outdoor classrooms)

Hallways

Cafeteria/Commons area

BYOD Inappropriate Use and Discipline: Inappropriate use of devices in the classroom Teacher will give student two options:

Choice 1 Student can Personally place the device in a "Cell Jail" in a secured location in the classroom (i.e. File cabinet, Teacher Desk, anywhere that can be locked with teacher access.) and receive it back at the end of the class.

Choice 2 Student will be sent to the office. Note: On the second offense of inappropriate use, student no longer has a choice. It will default to the Admin option.

Si necesita servicios de traducción gratuitos para comprender los procesos escolares, llame al (919) 852-3303

إذا كنت بحاجة إلى خدمات الترجمة المجانية للتعرف على سير العمليات بالمدرسة، اتصل بالرقم (919) 852-3303

Si vous avez besoin de services de traduction gratuits pour comprendre les procédures scolaires, appelez le (919) 852-3303

यदि आपको विद्यालय की प्रक्रियाओं को समझने के लिए निःशुल्क अनुवाद सेवाएँ चाहिए, तो (919) 852-3303 पर कॉल करें

학교/교육 과정에 관한 무료 번역 서비스가 필요하시면 다음 번호로 연락하여 주십시오 (919)852-3303

Nếu quý vị cần sự thông dịch miễn phí để hiểu phương pháp trường học, xin vui lòng gọi số điện thoại, 919-852-3303

如果您需要免费翻译服务来了解学校流程, 请致电 (919) 852-3303