



PCHS eLearning Grade Policy 9.25.20
PCHS Department: SCIENCE

Grade Scale:

100-90	A
89-80	B
79-70	C
69-60	D
59-0	NC (No Credit)

Reminder: This grade scale was approved by the Board of Trustees. Any difference from this requires a waiver first from the Department Administrator.

Note: A grade of NO CREDIT (NC) indicates that a student will have to retake the course and earn a passing grade of D or better in order to earn PCHS credit. Although a D does earn a student PCHS credit, many colleges including A-G requirements, require that students earn a C or better in any course.

In extreme cases, teachers may assign an INCOMPLETE (INC) grade. Teachers should first discuss this with the student, parent, the student's counselor, and Dr. Lee. In this extreme case, both the teacher and the student will have an agreed-upon date in which to complete any assignments.

Department/PLC/SLC Policies

- 1. Please provide an explanation of any grading system/assessment key terms used by the PLC/SLC (ex: DBQ, FRQ, Performance Task, Practice, Standard Quiz, CER).**
 - a. BIO** - Biology assessments may include claim-evidence-reasoning (CER), an open-ended free-response assessment in which students answer questions to provide scientific explanations for the concepts learned in class. The CER is similar to the data analysis and conclusion parts of a traditional lab report.
AP BIO - Free Response Question (FRQ) requires the test-taker to write a short essay in response to a prompt question and support it with facts, examples, or other evidence. Enhanced Multiple Choice Questions (EMCQ) assist students to learn effectively by providing opportunities for stimulus based questions analyzing data and making predictions. Immediate detailed feedback is provided.
 - b. Chemistry**
 - i. CER, Guided Notes, Laboratory Experiments, Online Simulations, DBQ**

c. AP Environmental Science

Assessments will emphasize a Claim-Evidence-Reasoning and Free Response format. Students will be asked to provide explanations, analyze data and draw conclusions based on evidence provided.

- d. **Urban Ecology**- students will focus on CER to show mastery of NGSS. They will conduct research, virtual labs, collect data, and analyze them to understand and explain the effect of human impact.

2. Provide weighted category values, if used.

a. BIO -

- i. regular bio - (40% assessments and 60% coursework)

1. 30% - assessments
2. 20% - labs and projects
3. 40% - classwork and homework
4. 10% - final project

- ii. Honors Biology - (40% assessments and 60% coursework)

[Julie Benke HBIO Course Outline](#)

- iii. AP Biology - (55% assessments & 45% work)

1. 45% WORK: 15% Mastering Biology & AP Classroom, 15% Synchronous (class) Work, 15% Asynchronous (home) Work
2. 40% Unit Exams & Assessments
3. 15% Final Exam

[Julie Benke APBIO Course Outline](#)

b. Chemistry

- i. Regular:

1. Classwork/Homework 20%
2. Final 10%
3. Labs 20%
4. Assessments 50%

Honors Chemistry:

- 1) Labs 25%
- 2) Final exam/project 10%
- 3) Online Curriculum (Synchronous, Asynchronous, and any assessments) 65%

c. H Marine Biology [Newbill's Course Outline](#)

- i. Homework 40%
- ii. Assessments/Projects 30%
- iii. Classwork/Labs 20%
- iv. Participation 10%

- d. **AP Environmental Science**
 - 1) 40% Assessments
 - 2) 40% Lab activities/independent work
 - 3) 10% Projects
 - 4) 10% Final
- e. **Urban Ecology**
 - i. Assessments 20%
 - ii. Classwork 40%
 - iii. DO NOW 5%
 - iv. Finals 15%
 - v. Lab 20%

3. Explain the use of the Missing Assignment, No Credit Values, Zero Value in the grade system.

- a. **BIO** - Missing assignments on Schoology are counted as zero points.
- b. Chemistry
 Strouse-missing assignments get marked as zero, students have until end of unit to turn in late work, at that point, missing assignments become 50%
 Carole Smith/Jane Curren- assignments not done are marked missing at the end of the week, but students are allowed with no grade penalty to complete the assignment late (with the exception of assessments)
 Kevin Kung/Richard Patterson - late work accepted up to three weeks or until the end of the unit
- c. Honors Chemistry = Assignments not completed by the end of the week is marked missing on schoology.
 Strouse-missing assignments get marked as zero, students have until end of unit to turn in late work, at that point, missing assignments become 50%
- d. **H Marine Biology:** Missing work counts as zero points.
- e. **AP Environmental Science - missing assignments are counted as zero points.**
- f. **Pali Academy science -- F for labs not done. Acellus requires completion of assignments, tests, and final exam.**
- g. **Urban Ecology-** missing assignments are counted as zero points.

4. Explain Late Work/Make-Up Work practices

- a. **BIO** - Biology teachers assign work throughout a given week and assign a deadline at the end of the week. Late credit for work may be accepted or extra credit may be offered.
- b. Chemistry Strouse-missing assignments get marked as zero, students have until end of unit to turn in late work, at that point, missing assignments become 50%

Carole Smith/Jane Curren- assignments not done are marked missing at the end of the week, but students are allowed with no grade penalty to complete the assignment late (with the exception of assessments)

Kevin Kung/Richard Patterson - late work accepted up to three weeks or until the end of the unit

- c. Honors Chemistry = Students have at least 3 weeks of when assigned to makeup any missing assignments.
- d. **H Marine Biology:** Late work can be turned in for ½ credit. Students will have until the end of the current unit to submit late work for any credit.
- e. **Late work will be accepted depending on the circumstances and within reason.**
- f. **Science of mindfulness: late work accepted for full credit. New students do not need to make up past weeks' work.**
- g. **Urban Ecology-** late work is accepted with a maximum grade of 80% within a grading period.

5. Consider noting whether you round up grades or not and why.

- a. **BIO** - Biology teachers may round overall semester grades and/or offer extra credit.
- b. **Chemistry**-Some teachers have a hard boundary of 90%, others at 89.5% for A, and similarly for other grades. They don't negotiate the boundary.
- c. **H Marine Biology:** Grades will be rounded at the end of the semester.
- d. **AP Environmental Science - 89.5% = A. etc.**
- e. **Science of mindfulness: 89.5% = A, etc.**
- f. **Urban Ecology-** grades will be rounded up to the tenths: 89.5% is an A.

6. Include established, common rubrics

- a. **BIO** - Biology assessments may include claim-evidence-reasoning (CER), an open-ended free-response assessment in which students answer questions to provide scientific explanations for the concepts learned in class. The CER is similar to the data analysis and conclusion parts of a traditional lab report.
- b. **Chemistry**-Teachers share assignments on Chemistry group page: <https://palihigh.schoolology.com/resources/group/829282785>
- c. **AP Environmental Science - rubrics will be provided when appropriate.**
- d. **Science of mindfulness: CER rubric**
- e. **Urban Ecology- CER rubric**

7. Include AP courses and singleton course policies

- a. AP BIO- policies are the same. Only grade categories differ (see #2 above).
- b. Anatomy and Honors Anatomy will follow the policies stated for Biology and Honors Biology (see #2 above)

c. No AP Chemistry

d. Honors Environmental Science

- i. CER & Free Response - see BIO explanation
- ii. Category 1- Assessments: 40%
Category 2- Labs, mini-labs, & projects: 30%
Category 3- Classwork/Homework.: 20%
Category 4- Semester Final Assessment: 10%
- iii. Missing assignments (classwork/homework) are recorded as zero until work is completed. Work turned in after the due date is recorded at 50% credit. Excused absences (that have been communicated) are given the amount of time absent to complete the work for full credit.
- iv. Late classwork/homework is accepted for partial, 50% credit. Late labs/projects/mini-labs will be accepted depending on circumstances and within reason.
- v. Traditional rounding rules apply for end of semester grades only. For example, 89.5 or higher will round to an A. Extra credit opportunities may be offered.
- vi. CER per NGSS

e. Global Science

- i. Policies are same as Honors Environmental Science
- ii. Grade Categories:
Category 1- Assessments: 30%
Category 2- Labs, mini-labs, & projects: 30%
Category 3- Classwork/Homework.: 25%
Category 4 - Participation (attendance and participation in Zoom meetings): 5%
Category 4- Semester Final Assessment: 10%

f. **Science of mindfulness: I have not weighted assignments this semester, but points/assignments are divided into-- CERs, Weekly Reflections, Smiling Mind Guided meditations, Journaling, and Reflection Essays.**

g. **Urban Ecology- Grading scale listed above; late assignments are accepted up until grading period for a maximum grade of 80%.**

h. **Pali Academy Bio and PA Physical Sci/ICS are using a blending of Acellus and e-labs, following this breakdown/weight:**

GRADING SCALE (in line with General Bio 2019-20)

- **Assessments (quizzes, tests, & projects) 40%**
- **Labs (virtual and demonstrated) 25%**
- **Online Coursework (videos, discussions, practice) 20%**
- **Final Exam/Final Project 15%**

