

# Welcome to AP Biology





# What to expect from AP Biology?

- Students are expected to spend: 1-2 unsupervised hours per day to read, study, & review materials covered in lecture and/or labs.
- Materials presented in AP Biology are equal to the academic level and standards of a typical university-based laboratory science course.
  - Yes, this is a **TOUGH** class, but it's good for you.
  - Passing the AP Biology Exam, may earn students university credit towards enrolling into an advanced level biological sciences course.

# Big Ideas in AP Biology

## Semester 1

-Big Idea 1: Evolution

18%

-Big Idea 4b: Populations & Ecology

18%

-Big Idea 3: Genetics & Heredity

11%

## Semester 2

Big Idea 2: Cell Processes & Energetics

22%

Big Idea 3: Genetics & Heredity

11%

Big Idea 4a: Organism Systems

20%

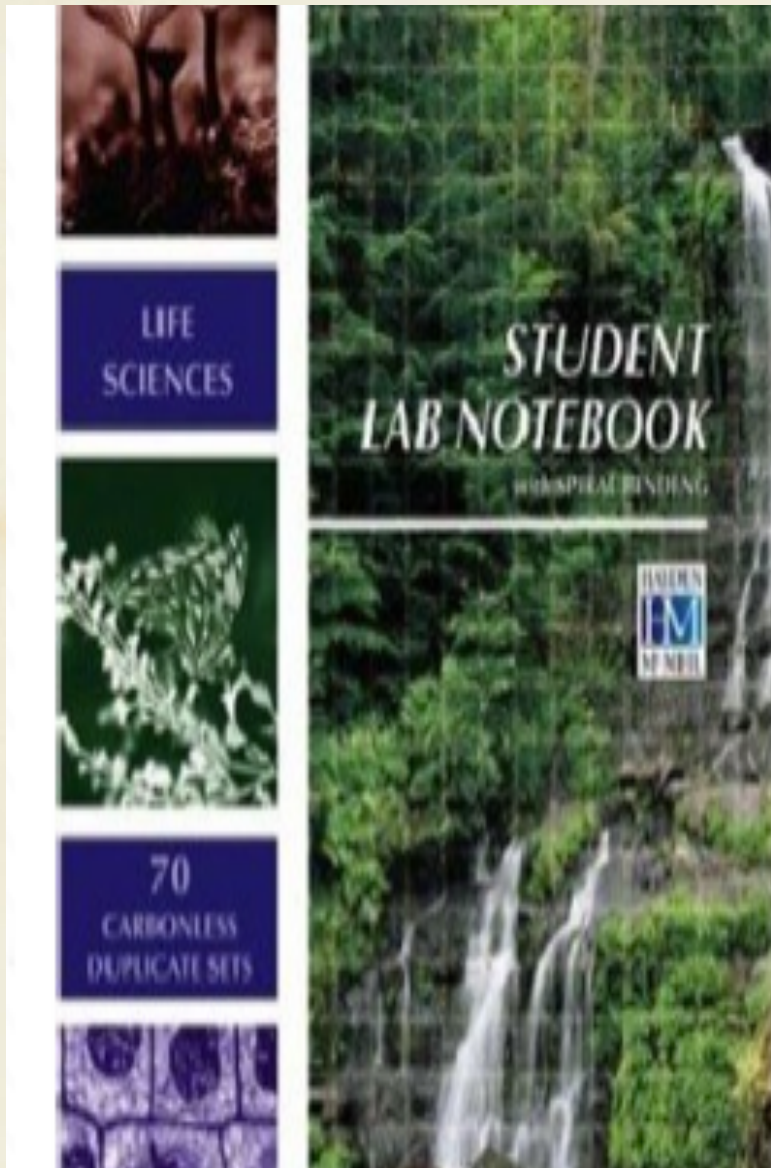
Total: 100%



# REQUIRED CLASS MATERIALS

- ✓ 3 subject notebook for AP Biology for the Big Ideas in AP Biology
- ✓ Biology, by Neil Campbell, 7<sup>th</sup> ed. (2005)
- ✓ Black Pens & #2 Pencil or Lead Pencil & Eraser
- ✓ Highlighter
  
- ✓ College-rule Lined Paper
- ✓ Carbon Copy Graph Paper Lab Notebook (\$11 or so)

# Recommended Lab Book



Author: **Hayden-McNeil (EDT)**

Edition: **SPI**


ISBN: **1-930882-35-1**

ISBN13: **978-1-930882-35-5**

Binding: **PAP**

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70 Carbonless Duplicate Sets



# Grading (based on point system)

A = 90-100%

B = 80-89%

C = 70-79%

D = 60-69%

F = 0-59%



# HW & Late Work Policy

- A Study Guide (SG) with questions, are generated to help students focus on the main topics in each chapter.
- All assignments and SG answers are due on the day of the chapter test and at the beginning of the period.
- There is no such thing as late work in college; so the same applies to AP Biology.



# HW Exceptions

- If you get an “A” on the last test (M/C & FRQs) you are exempt from completing the next Study Guide Questions.
- You can still choose to do it for your own sake, but regardless, you will automatically get the max points for the assignment.

Moral behind this?

Hint: Preparing for college life, self motivation and discipline...

# Tests & Labs

## Tests

- Given every 1-1.5 wks
- Consist of 25 Multiple Choice Questions, Grid Question (Math related), 1 Essay, & 1 Short Answer

## Labs

- Are College Board approved and recommended labs
- Are completed in Pods of 4-5 students
- Labs are essential and an enrichment opportunity for students to conceptualized what was presented in lecture.
- Both a pre-lab and post-lab write ups are kept in a bounded graph paper notebook (see “Lab Journal Format” for more info)



# AP Biology Exam Format

- Part I (90 Mins)
  - 63 M/C Q's
  - 6 Grid/Math Problems (Algebra & Statistics)
- Part II (10 min reading & 80 min testing)
  - 2 Long Multiple-part FRQs (Essays)
  - 6 Short Answers (1 to 2 sentence ANS)



# Study Sessions

- Held every third Saturday of each month, from 9:00am-11:00am OR After school (TBA)
- Purpose:
  - Conduct labs
  - To review concepts covered in the curriculum
  - Practice test taking strategies

# Extra Credit

## ● Summer Fun Fest

Each correct answer will be worth .25 pts.

Ex. 80 correct answers  $\times$  .25 = 20 pts


E.C. may only be used at the end of the semester and any left over points will be carried over to next semester.



# Cheating & Plagiarism

If you are caught or suspected of cheating of any kind or plagiarizing someone else's work as your own, you and your accomplices will get an automatic zero on that assignment. And further actions will be considered.

It is important to uphold a code of conduct that demonstrates integrity and honesty in the class. The last thing that you would want to do is to lose my trust and respect for you. Once you lose it, you will **NOT** gain it back.



# Ask my former students, because...

- Yes, I read everything! Word for word, so if I see that you are “transcribing” your classmate’s work, be expected to face the consequences.
- I do write comments on your work, so learn from them. I am doing it for your own good, not mine.



## A final, but serious note...

- If you think this class is overwhelming and you are way in over your head, drop the class NOW.
- Don't let pride get into the way, it is your future and your grade at stake.
- If you feel intimidated or have symptoms of faint, dizziness, or nausea after learning about the class, it may or may not go away.

(A true test of the Survival of the Fittest)

# HW

- Download and read the “Class Syllabus” from my website [www.msngsweebly.com](http://www.msngsweebly.com), and return the last bottom portion, signed by tomorrow.
- Open up a Facebook account, so I can add you to our fb Group.
- Type up your Science Autobiography (due Fri.) 12” Times Roman Font; Double-spaced (2 page max)