

RSD17 BOE Curriculum Subcommittee

October 18, 2021

AP Biology Textbook Proposal



Course Overview:

AP Biology explores major biological concepts and themes. This course covers four big ideas, evolution drives the diversity and unity of life, biological systems utilize free energy, living systems store, retrieve, transmit, and respond to information, biological systems interact. AP Biology includes college-level laboratory experiments. [Students will complete a summer packet prior to starting AP Biology in the fall.] All students must take the AP Biology Exam in the spring.

- Prerequisites: Biology and Chemistry (can be concurrent) AND Teacher Recommendation
- Grades: 10, 11 or 12, Credits: 1.0

Current Text:

- *Biology* by Campbell, 9th edition, copyright 2011, published by Pearson (they are currently selling 12th edition of this text)
- Quantity on hand – 24 purchased in approximately 2013, 16 more due to offering two sections
- Current condition of those on hand - decent

Proposed New Text:

- *Biology in Focus, AP Edition*, third edition, copyright 2020
- Readability is better, taken out some topics, aligned to AP course, aligned digital components, digital test bank (formerly CD ROM), (College Board has a bank of resources and videos)
- The textbook comes with 6-years (or 6 classes, depending on if you have semester-long classes) of access. After the 6 years, you can renew access for around \$50 per year per student.
- What is the price difference in purchasing only the digital text and is that a one-time purchase or does it require a renewal? You can purchase a digital license only for \$120.97 for a 6-year subscription per student or \$49.97 for one year per student.
- Price: \$157.97 each (printed text and eText for 6 years), Quantity to purchase: 22
- Total: \$3,475.34

Rationale:

- 2013 redesign of the AP course by College Board
- AP requires textbook updates every 10 years (2011 to 2021)
- Aligns with our current resources, organization, layout - transition better for teachers and students

Components:

- Digital textbook: Animations, videos, diagrams, models, quizzes, practice questions, assessment bank
- On-Line student management site – assessment and assignment progress monitoring

Other Texts we reviewed:

- *Biology* by Campbell, published by Pearson, 12th edition - decided not to based on AP version's close alignment with course
- *Principles of Life*, published by McMillan, 3rd edition, copyright 2019, comparison text is \$218 per textbook, does not have an AP edition (2nd edition does), just a college-level, more expensive

Course Enrollment:

year	# of students	teacher
2021-22	19	S.Ward
2020-21	17	S.Ward
2019-20	23	S.Ward
2018-19	12	A.Pilch
2017-18	15	A.Pilch

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