



SACRAMENTO CITY UNIFIED SCHOOL DISTRICT BOARD OF EDUCATION

Agenda Item# 11.1f

Meeting Date: June 25, 2020

Subject: Approve Adoption of Instructional Materials for Advanced Placement Science Courses

- Information Item Only
- Approval on Consent Agenda
- Conference (for discussion only)
- Conference/First Reading
- Conference/Action
- Action
- Public Hearing

Department: Academic Office, Curriculum & Instruction Department

Recommendation: The Board of Education is requested to approve new textbooks for Advanced Placement Science Courses: AP Biology, AP Chemistry, AP Environmental Science and AP Physics 1 and 2.

Background/Rationale: Currently, Advanced Placement science courses in the district utilize textbooks that were last published in 2007 and 2008. Additionally, the textbooks adopted at each school site vary across the district, creating inequities in student access to appropriately supportive materials. Some of the previously adopted materials failed to reflect the necessary range of diverse cultures and perspectives of our learners in addition to the current content/sequence of the new Advanced Placement course descriptions from the College Board™. Environmental science is a new AP course offering in SCUSD that we are starting in the 2020-21 school year.

Beginning in August 2019, and running through May 2020, advanced science course teachers met to review College Board-recommended and teacher-requested materials. Meetings facilitated by the science and GATE/AP coordinators supported teachers to collaboratively select updated text resources for AP Biology, AP Chemistry, AP Environmental Science and AP Physics 1 and 2. As a result of these meetings, the following unanimous recommendations were made:

1. Adopt for AP Biology: Campbell Biology in Focus. Urry, Lisa A., et al. Pearson, 2020. ISBN 9780135214763
2. Adopt for AP Physics 1 and 2:
 - College Physics for the AP Physics 1 Course. W H FREEMAN, 2018.
 - College Physics for the AP® Physics 1 Course 2e & CP NC HS College Physics 2e AP® Physics 2 Course. W H FREEMAN, 2018
ISBN 131910097X / 1319402593

3. Adopt for AP Chemistry: Chemistry: a Molecular Approach. Tro, Nivaldo J., et al. Pearson Education, 2020.
ISBN 9780135265628
4. Adopt for AP Environmental Science: Environment: the Science Behind the Stories. Withgott, Jay, and Matthew Laposata. Pearson, 2019.
ISBN 9780136451471

Financial Considerations:

AP Biology textbook with online platform for teachers and students:
\$62,040.25

AP Environmental Science textbook with online platform for teachers and students:
\$31,745.39

AP Chemistry textbook with online platform for teachers and students:
\$32,701.99

AP Physics 1 and 2 Curriculum Materials:
\$81,657.12

TOTAL Cost: \$208,144.75

The cost of these new adoptions is to be paid for using lottery funds which are explicitly for instructional materials.

LCAP Goal(s):

College, Career, and Life Ready Graduates

Documents Attached:

N/A

Estimated Time of Presentation: NA

Submitted by: Matt Turkie, Assistant Superintendent of Curriculum and Instruction, Aaron Pecho, Science Coordinator, and Kari Lofing, Coordinator of GATE & AP Programs

Approved by: Jorge A. Aguilar, Superintendent