



Approved

**MINUTES OF SCIENCE CURRICULUM ADOPTION COMMITTEE:
AP BIOLOGY, AP CHEMISTRY, IB BIOLOGY, IB CHEMISTRY
SCOTTSDALE UNIFIED SCHOOL DISTRICT NO. 48
SUSD Oak Campus, 7501 E Oak St, Scottsdale, AZ 85257**

Date: Thursday, January 23, 2025 Time: 8:00 am - 3:00 pm

1. Call to Order

Meeting was called to order at 8:06 am

2. Roll Call

Present: Randy Coffey, Brandon Borgardus, Stacey Rosenfeld, Jacqueline Wells, Jennifer MacColl

Absent: none

Information/Discussion and Possible Action

3. Approval of 01/23/2025 Meeting Agenda - Information/Discussion or Possible Action Item

Johanna Kaiser

- Motion: Stacey Rosenfeld moved to approve the agenda for January 23, 2025 as written
- Seconded: The motion was seconded by Randy Coffey
- Vote: A vote was taken, and the motion passed 5-0.

4. Approval of minutes from December 18, 2024

Johanna Kaiser

- Motion: Jennifer MacColl moved to approve the minutes from December 18, 2024 as written
- Seconded: The motion was seconded by Brandon Bogardus
- Vote: A vote was taken, and the motion passed 5-0.

5. Public Review Update

Johanna Kaiser

- As of Friday, January 17, 2025, there have been two public review feedback submissions. The committee was presented with the public review feedback submitted by two teachers. The feedback has been posted onto the Science Adoption Website under the 1/23/2025 meeting.

6. Vendor Presentation - Bedford, Freeman and Worth, *Biology for the AP Course*

Jeanette Fougeron (in person) and Travis Long (virtual) - BFW Representatives

- Jeanette presented to the committee about the creation of the materials, an overview of the materials as they aligns to the AP Biology Course Exam Description, and elements of the program. Some of these elements were the visuals and illustrations within the text, graphs, Big Ideas, Learning Goals, Summaries, assessments, AP Exam tips, teacher edition highlights,
- Travis Long provided an overview of the resources in Achieve platform (online course materials).
- The committee was provided an initial cost estimate of approximately \$26.14 per student, per year (excluding taxes and shipping). This cost includes: printed textbooks, access to the online Achieve platform (7 years), teacher editions, and test bank for Biology for the AP Course.
- A copy of the presentation will be posted to the Science Adoption website.

7. Vendor Presentation - Pearson, *Campbell Biology, 12th Edition, AP Edition*

Alicia Conley and Brittany Zekofsky (both in person) - Pearson Representatives

- Alicia Conley presented an overview of Pearson and Campbell Biology. Brittany Zekofsky presented an overview of the online platform, Mastering, including student resources, study by chapter, GraphIt!, Bioblitz, current events, lab tools, assignments, dynamic study modules, learning catalytics, e-text, instructor guides, creating assignments.
- The committee was provided an initial cost estimate of approximately \$20.17 - \$32.17 per student, per year (excluding taxes and shipping) depending on the items included in the purchase. Items that can be purchased include: access to the online Mastering platform (6 years), printed Campbell Biology textbook, Test Prep Workbook for AP Biology.
- A copy of the presentation will be posted to the Science Adoption website.

8. Vendor Presentation - Cengage, *Biology: The Unity and Diversity of Life, 15th Edition, AP Edition Update, and Chemistry, 11th Edition, AP Edition*

Anna Poulos (in person), Antoinette Gadson (virtual), Rebecca Rouch (virtual), Mark Hoffman (virtual), Christine Stark (virtual) - Cengage Representatives

- Anna introduced the presentation team.
- Antoinette presented the Cengage AP Chemistry products. She reviewed the goals for AP Science Cengage products: to captivate students, empower educators, and build a trusted partnership. A high-level overview of the Fast Track to a 5, AP Teacher Resource Guide and Correlation, AP Lab Manual and Teacher's Lab Manual, Cognero, 'problem-solving and critical thinking skills,' contemporary and historical figures in chemistry, ChemWork chapter problems, real-world applications at the start of each chapter, and Chemical Connection boxes. Presenters provided an overview of the FastTrack to a 5 product's resources for preparing for the AP Chemistry and AP Biology exam. Additionally, the various platforms for the two products (OWL2 and MindTap Classic).
- Antoinette presented about the Cengage AP Biology products and product updates. Including: Student Edition MindTap with eBook, student FastTrack to a 5 test prep book, student lab manual, teacher MindTap Instructor Companion Site, AP Teacher's resource guide, AP Lab manual, AP test prep, Core Concepts and key questions, Issue-Based Essay, images that support learning, learning objectives, Embedded Analytical Practice, assessments, testing generator, vocabulary features, and the digital platform.

- Antoinette presented about how Cengage supports teachers with professional development: Digital platform training, implementing instructional best practices using the Cengage curriculum (menu of options for professional development), science specialist team, 5-E instructional pathway-focused.
- The committee received a tutorial of the AP Chemistry OWL2 platform. Including: creating assignments, mastery assignments, AP test preparation, ebook with embedded FastTrack to a 5, student view of platform, adaptive study plan, and other features.
- The committee received a tutorial of the AP Biology's MindTap platform. Including: Embedded FastTrack to a 5, folder structure of platform, ebook, vocabulary support, animations, and editing assignments.
- Cengage did not provide the requested cost estimate and will submit it prior to the next adoption meeting for the committee to review.
- A copy of the presentation will be posted to the Science Adoption website.

Lunch Recess

Motion: Jacqueline Wells moved to take a recess for lunch

Seconded: The motion was seconded by Randy Coffey

Vote: A vote was taken, and the motion passed.

Time of Recess: 11:32 am

Meeting reconvened: 12:05 pm

9. Vendor Presentation - McGraw Hill, Chemistry, 14th Edition, AP Edition

Larissa Sykes (in person) and Thomas Legally (in person) - McGraw Hill Representatives

- Thomas Legally presented information about the product, including: accessibility to learners of all levels, full alignment to the AP Framework, digital resources, SmartBook, instructional support, digital integration, multiple options (online, print, hybrid), chapter openers, AP resources and applications embedded in the textbook. Additional information about the 5 Steps to a 5 supplemental, including: loaded digitally in the platform, bellringers, tips and tricks, practice assessments. Members received a presentation on the online platform, including: interactive ebook, exportation of notes, K-12 Portal App (no internet connection needed), adaptive SmartBook, models for using the adaptive SmartBook, Virtual Labs, Aleks diagnostics and personal learning path and AP Teacher manual. The committee received an overview of the online platform, including: AP Core, AP Exam Prep,
- The committee was provided an initial cost estimate of approximately \$33.67 - \$48.85 per student, per year (excluding taxes and shipping) depending on the items included in the purchase. Items that can be purchased include: print textbooks, online platform access (6 years), ALEKS feature, 5 Steps to a 5 consumable each year, 5 steps to a 5 online, professional development.
- A copy of the presentation will be posted to the Science Adoption website.

10. Vendor Presentation - IB Source, Higher Level Chemistry for the IB Diploma Programme

Andy Culley (virtual) - IB Source Representatives

- Committee members received a presentation about the HL Chemistry product including: the 2 year online resource, the inclusion of the IB curriculum changes starting in 2023, guiding questions, linking questions, formative and summative chapter assessments. Combined HL and SL book, internal and external assessments, teaching supports, lab activities, videos, editable materials. Additional information was presented about the online platform: eBook, downloadable solutions, videos, worked solutions, skills/lab worksheets, auto-marked quizzes. The online license is for four years.

- The committee was provided an initial cost estimate of \$25.88 per student, per year (excluding taxes and shipping). Items that can be purchased include: Print textbooks, online platform (4 years)
- A copy of the presentation will be posted to the Science Adoption website.

11. Vendor Presentation - Oxford University Press, *IB Chemistry Course Companion (HL and SL)*, and Study Guide, and *IB Biology Course Companion (HL and SL)*, and Study Guide

Mark Johnson (virtual) - Oxford University Press Representative

- Due to technical difficulties, Oxford University Press was unable to present to the committee. The representative's presentation will be posted to the SUSD Science Curriculum Adoption website so that both the committee members and the public can preview. Oxford University Press will be provided time at the start of the 1/29/2025 committee meeting to provide clarifications and answer questions from the committee.
- The committee was not presented with an estimated cost during this meeting.

12. Future Dates and Committee Meetings

Johanna Kaiser

- The committee will meet on Wednesday, January 29, 2025 from 3:30 - 5:30 pm at SUSD's Oak Campus, 7501 E. Oak Street, Scottsdale, AZ 85257.

Adjournment

Meeting was adjourned at 2:07 PM

Dated this day, Thursday, January 23, 2025