



Draft

**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: Wednesday, January 29, 2025 Time: 3:30 - 5:30 pm

1. Call to Order

Meeting was called to order at 3:31 PM

2. Roll Call

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

Absent:

Information/Discussion and Possible Action

3. Approval of 1/29/2025 Meeting Agenda - Information/Discussion or Possible Action Item

Johanna Kaiser

- Motion: Stacey Rosenfeld moved to approve the agenda for January 29, 2025 as written
- Seconded: The motion was seconded by Randy Coffey
- Vote: A vote was taken, and the motion passed.

4. Approval of minutes from January 23, 2025

Johanna Kaiser

- Motion: Jacqueline Wells moved to approve the minutes from January 23, 2025 as written
- Seconded: The motion was seconded by Brandon Bogardus
- Vote: A vote was taken, and the motion passed.

5. Public Review Update

Johanna Kaiser

- As of Monday, January 27, 2025, there have been no further Public Review Feedback submissions. The two submissions were shared during the January 23rd meeting.

6. Vendor Presentation

Mark Johnson presented virtually about the following two products:

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

- Product presentation included information about: alignment and “in cooperation with” IB, alignment with IB curriculum changes in 2023, IB assessment practice tests and supports, key messages from the curriculum (slide 18 of Oxford presentation), understandings boxes, and a high level overview of the features in the companion online platform, Kerboodle (formative assessments with adaptive next steps, reactivates, vocabulary activities, interactive activities, how-to videos, interactive coursebook, animations, etc. The committee asked about professional development and onboarding options.

7. Review of Committee Goals

Johanna Kaiser

- The committee was reminded that their goal today was to decide on final recommendations of products to adopt that would be presented to the SUSD Governing Board. This goal aligned with SUSD’s Strategic Plan Goal 1: Academic Excellence and Goal 5: Optimized Resources.

8. Review of Committee Norms and Consensus Decision-Making Process

Johanna Kaiser

- The committee reviewed their Norms and were reminded of the Consensus process - in which all voices are to be heard and consenting means that group members choose to cooperate with the will of the group rather than insist on their personal preference (Slide 21-22 of presentation).

9. Consensus Discussion of Materials for AP Biology, AP Chemistry, IB Biology, IB Chemistry

AP BIOLOGY

The committee reviewed and reached a consensus that the textbook *Biology for the AP Course* (©2022, Bedford, Freeman & Worth) was the most suitable for SUSD students. The decision was based on the following rationale:

- It is the only product fully aligned with the College Board's Course Guide and Exam Description, following the same order of units.
- The online platform is user-friendly and integrates seamlessly with Clever.
- The pricing is more competitive than other options and includes a seven-year licensing agreement.
- The test bank offers over 5,000 questions, facilitating comprehensive test creation.
- The online platform integrates with Google Classroom.
- The curriculum includes a comprehensive pacing guide.
- The companion online platform provides online labs, PowerPoints, animations, and practice AP assessments.

The committee noted the absence of a printed companion test prep book but felt that the robust online resources and AP test practice supports adequately compensated for this. Additionally, the committee expressed a preference for both print books and online platform access for students and teachers.

AP CHEMISTRY

The committee reviewed and reached a consensus that the textbook *Chemistry, 14th Edition, AP Edition* (McGraw Hill) was the most suitable for SUSD students. The decision was based on the following rationale:

- The product is aligned with the current AP course description and exam.
- The online platform includes features that support student accountability and integrates with Clever.
- The "Chemistry In Action" features provide real-world applications.
- The ALEKS SmartBook offers formative questions, scaffolds for students, and teacher reports.
- It includes math support based on a diagnostic assessment unique to each student.
- The platform provides virtual labs.
- Free professional development is explicitly included in the quote.

The committee noted that the product is not fully integrated with Google Classroom. However, links to the materials on the McGraw Hill platform can be posted and shared on Google Classroom for ease of student access. Additionally, the committee expressed a preference for printed textbooks, online platform access, and the ALEKS SmartBook for students, and decided against the "5 Steps to a 5" resources.

IB BIOLOGY and IB CHEMISTRY

The committee reviewed and reached a consensus that the Oxford University Press products *IB Biology Course Companion* (Higher Level and Standard Level, 2023 Edition) and *IB Chemistry Course Companion* (Higher Level and Standard Level, 2023 Edition) are the most suitable for SUSD students. The decision was based on the following rationale:

- The products are fully aligned with the updated IB curriculum.
- They include Theory of Knowledge elements.
- Both print and online resources are available.
- They feature an updated conceptual approach and structure.
- They provide IB assessment support and guidance.
- The Kerboodle platform offers adaptive student support, a 6,000+ question bank for building assessments, interactives, animations, intervention and extension quests for diverse learners, and teacher reports at both individual and class levels, and more.
- Data-based questions are evident throughout the print and online materials.
- SUSD could purchase 7-year access to the online platform.

The committee discussed purchasing the printed Course Companions, printed Study Guides, printed IB Prepared resource, and the Kerboodle online platform. The committee discussed the cost of the products and believes that the quality of the resources and materials justifies the expense.

10. Approval of Recommendation for AP Biology - Action Item

- Motion: Jennifer MacColl moved to recommend *Biology for the AP Course*, ©2022, Bedford, Freeman & Worth for AP Biology.
- Seconded: The motion was seconded by Jacqueline Wells
- Vote: A vote was taken, and the motion passed 5-0.

11. Approval of Recommendation for AP Chemistry - Action Item

- Motion: Stacey Rosenfeld moved to recommend *Chemistry, 14th Edition, AP Edition*, McGraw Hill for AP Chemistry.
- Seconded: The motion was seconded by Randy Coffey
- Vote: A vote was taken, and the motion passed 5-0.

12. Approval of Recommendation for IB Biology - Action Item

- Motion: Jacqueline Wells moved to recommend *IB Biology Course Companion (Higher Level and Standard Level)*, 2023 Edition, Oxford University Press IB Biology.

- Seconded: The motion was seconded by Brandon Bogardus.
- Vote: A vote was taken, and the motion passed 5-0.

13. Approval of Recommendation for IB Chemistry - Action Item

- Motion: Brandon Bogardus moved to recommend *IB Chemistry Course Companion (Higher Level and Standard Level)*, 2023 Edition, Oxford University Press IB Chemistry
- Seconded: The motion was seconded by Jacqueline Wells.
- Vote: A vote was taken, and the motion passed 5-0.

14. Future Dates and Committee Meetings

Johanna Kaiser

Adjournment

Meeting was adjourned at 4:30 PM

Dated this day, Wednesday, January 29, 2025