

Science Curriculum Adoption Committee: AP Biology, AP Chemistry, IB Biology, IB Chemistry Committee Meeting

Wednesday, January 29, 2025
SUSD Oak Campus

Call to Order



Roll Call and Introductions

The Committee

Brandon Bogardus - Teacher

Randy Coffey - Teacher

Jennifer MacColl - Teacher

Stacey Rosenfeld - Teacher

Jacqueline Wells - Teacher



Committee Support

Dr. Kim Dodds Keran - Director of Teaching and Learning

- Committee Co-Chair

Johanna Kaiser - Science Academic Coach

- Committee Co-Chair

Dede Johnston - Instructional Materials Coordinator

Approval of Agenda

Agenda for Wednesday, January 29, 2025

The Agenda for the meeting is:

1. Call to Order
2. Roll Call

Information/Discussion and Possible Action

3. Approval of Agenda - **Action Item**
4. Approval of Minutes from January 23, 2025 - **Action Item**
5. Public Review Update
6. 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
7. Review of Committee Goals
8. Review of Committee Norms and Consensus Decision-Making Process
9. Consensus Discussion of Materials for AP Biology, AP Chemistry, IB Biology, IB Chemistry
10. Approval of Recommendation for AP Biology - **Action Item**
11. Approval of Recommendation for AP Chemistry - **Action Item**
12. Approval of Recommendation for IB Biology - **Action Item**
13. Approval of Recommendation for IB Chemistry - **Action Item**
14. Future Meetings

Action Item

Discussion and Approval of Meeting Agenda for January 29, 2025.

Approval of Minutes

Action Item

Discussion and Approval of Minutes from January 23, 2025 meeting.

Public Review Update

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.

Vendor Presentation

Oxford University Press

Virtual Presenter: Mark Johnson, Oxford University Press Representative

Review of Committee Goals

SUSD Strategic Plan

GOAL 1: ACADEMIC EXCELLENCE

Challenge and inspire students to reach high levels of achievement so they thrive as confident, dynamic, future-ready learners equipped to pursue their passions and ambitions. Commitments:

- 1.1:** Provide learning opportunities that ensure all students graduate prepared for relevant and viable postsecondary higher learning and careers.
- 1.2:** Cultivate critical and creative thinking by integrating problem-based learning opportunities throughout the curriculum.

GOAL 5: OPTIMIZED RESOURCES

Generate and utilize resources to maximize educational opportunities in order to ensure organizational health.

- 5.3** *Ensure equitable distribution of resources to meet the needs of our students.*

Committee Purpose and Objective

Purpose

The purpose of the Science Curriculum Adoption Committee: AP Biology, AP Chemistry, IB Biology, IB Chemistry is to review, evaluate, and recommend quality and appropriate textbooks and instructional resources for approval by the district Governing Board.

Objective

The committee will:

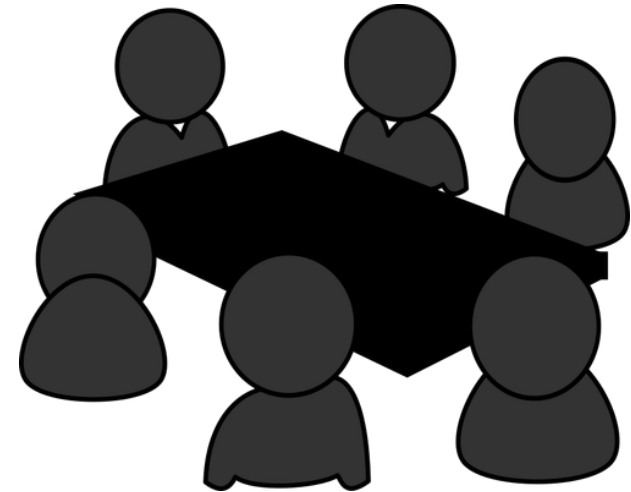
- Learn about current best practices in three-dimensional science instruction.
- Learn about Arizona Science Standards, International Baccalaureate (IB) Diploma Programme, College Board Advanced Placement (AP) and Arizona science education requirements.
- Review rubric criteria to be used to evaluate science textbooks and resources.
- Review and evaluate science textbooks and instructional resources.
- Recommend textbooks and instructional resources to the Governing Board for formal approval and adoption.

Review of Committee Norms and Consensus Decision-Making Process

Committee Norms

Establishing norms:

- Encourages behaviors that allow groups to work together successfully.
- Allows groups to dialogue, engage productively in conflict, discuss and decide, invent and problem solve.
- Make it safe to examine one's practice and talk about difficult to discuss topics.



Key Question:

How must we conduct ourselves to allow us to work together most successfully to accomplish our goals?

Norms

Be fully present.

Listen to understand and ask questions for clarification.

Take care of your needs.

Be open to new ideas.

Invite and welcome the contributions of every member.

Support the group's recommendation after consensus is reached.

Be mindful of how often and how long you speak.

Questions and challenges are welcomed. Question and challenge the idea, not the person.

Clarifying Decision-Making Process

Defining Consensus

Defours et al - Definition of Consensus:

All points of view have been heard.

The will of the group is evident even to those who most oppose it.

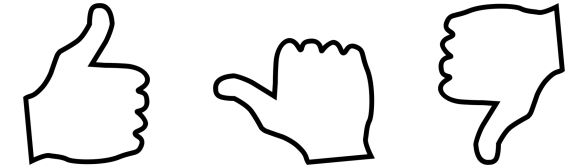
If all members of a committee/group must agree - or if every member of a committee can veto taking action - groups will be subjected to constant inaction... a state of perpetual status quo.

Without a shared understanding of consensus, persons determine their own standards.

Consensus decision making is a group decision making process that seeks consent of all participants where everyone's opinions are heard and understood. It is an acceptable resolution; one that can be supported, even if it is not the "first choice" or "favorite" of each individual.

Clarifying Decision-Making Process

Defining Consensus



Consensus is...

- Consenting to a proposal because **group members choose to cooperate** with the direction of the **group rather than insist on their personal preference.**
- ***“Is this proposal something you can live with?”*** While group members may be willing to go along with a proposal, **they do not actually need to favor it above another choice.**
- To ***“consent”***. This means that even if group members disagree, **there is still overall consent to move forward** in order to settle the issue.

Consensus Discussion

Consensus Discussion

The Committee will engage in a consensus discussion of materials for:

- AP Biology
- AP Chemistry
- IB Biology
- IB Chemistry

Committee Rationale

- Rationale for Selection
 - Why this product over the others?
 - Cite any curriculum highlights, product features, rubric scores, cost analysis, professional development, materials, alignment, etc.
 - The more information the better.
- Considerations
 - Can make note of any considerations one must think about with this product or concerns the group may have.

Course:

- Product:

Rationale for Selection

Positives, highlights, evidence

-

Considerations

-

Approval of Recommendation for AP Biology

AP Biology

Presentation of Recommended Curriculum and Rationale

Approval of Recommended Curriculum - Action Item

- Discussion and Approval of:
- **X** as the curriculum recommended for adoption for AP Biology.

Approval of Recommendation for AP Chemistry

AP Chemistry

Presentation of Recommended Curriculum and Rationale

Approval of Recommended Curriculum - Action Item

- Discussion and Approval of:
- **X** as the curriculum recommended for adoption for AP Chemistry.

Approval of Recommendation for IB Biology

IB Biology

Presentation of Recommended Curriculum and Rationale

Approval of Recommended Curriculum - Action Item

- Discussion and Approval of:
- **X** as the curriculum recommended for adoption for IB Biology.

Approval of Recommendation for IB Chemistry

IB Chemistry

Presentation of Recommended Curriculum and Rationale

Approval of Recommended Curriculum - Action Item

- Discussion and Approval of:
- **X** as the curriculum recommended for adoption for IB Chemistry.

Future Meetings

Future Meetings

No future committee meetings scheduled at this time.

Related SUSD Governing Board Meetings:

March 4, 2025, 6:00 pm, Coronado High School

- Information Item/First Read

April 8, 2025, 6:00 pm, Coronado High School

- Possible Action Item

Meeting
adjourned!

