

Secondary Science Curriculum Adoption Committee Meeting

Monday, February 12, 2024
SUSD Oak Campus

1. Call to Order

Call to Order



2. Roll Call

The Committee

Group A

*Earth and Space Science,
Oceanography/Astronomy,*

Paula Sabato
Marissa Blanco-Johnson
Providence Ryan
Rissel Langbacker

Group B

*Environmental Science,
AP Environmental Science
Zoology/Botany*

Julie Koshy
Jen MacColl
Micah Sandys
Jaclyn Papa
Jodi Meyers
Kim Salaway

Group C

Astrophysics

Steve Millam
Dr. Nagib Balfakih
Michael Bengert
Dr. Michelle Watt

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

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.

3. Agenda for February 12, 2024

Agenda for Monday, February 12, 2024

The Agenda for the meeting is:

1. Call to Order
2. Roll Call

Information/Discussion and Possible Action

3. Review and Approval of Agenda - Action Item
4. Review and Approval of Minutes from 02/06/2024 Meeting - Action Item
5. Review and Approval of Minutes from 02/07/2024 Meeting - Action Item
6. Review and Approval of Minutes from 02/08/2024 Meeting - Action Item
7. Public Review Feedback
8. Information and Group Discussions of Final Recommendations of Curriculum for Governing Board Approval
9. Final Recommendation for Earth and Space Science, Honors Earth and Space Science - Action Item
10. Final Recommendation for Oceanography/Astronomy - Action Item
11. Final Recommendation for Astrophysics - Action Item
12. Final Recommendation for Environmental Science - Action Item
13. Final Recommendation for AP Environmental Science - Action Item
14. Timeline

Action Item

Discussion and Approval of Meeting Agenda for February 12, 2024

4. Review and Approval of Minutes from 02/06/2024 Meeting

Action Item

Discussion and Approval of Minutes from
Tuesday, February 6, 2024.

5. Review and Approval of Minutes from 02/07/2024 Meeting

Action Item

Discussion and Approval of Minutes from
Wednesday, February 7, 2024.

6. Review and Approval of Minutes from 02/08/2024 Meeting

Action Item

Discussion and Approval of Minutes from
Thursday, February 8, 2024.

7. Public Review Feedback

Public Review

Current Public Review Feedback Submissions: 1 person, 5 reviews

Public Review Of Materials

Location: SUSD Oak Campus, 7501 E Oak Street, Scottsdale, AZ 85257

Dates: Monday, December 11, 2023 – Tuesday, April 9, 2024

Times: 9:00 am - 3:00 pm SUSD school days

Additional Information: Extended hours and access during non-school days is available upon request with advanced notice. Please contact Tiffany Sorensen – tsorensen@susd.org.

Public review remains open through the Governing Board's 2nd Read (expected Tuesday, April 9th)

Public Review Feedback Form

The Public Review Feedback Form asks the following questions:

1. What is your role?
2. Select the resource/material for which you are providing feedback:
3. Does this resource align to the Three-Dimensional Arizona Science Standards (and/or College Board course content for AP courses)? (Yes/No)
4. Does this material include real-world observable events (phenomena) that are explored by students and help them make sense of the scientific concepts of the phenomena? (Yes/No)
5. Does this material include high-quality resources for teachers, students and parents? (Yes/No)
6. Does this material support success for all students (appropriate rigor, opportunities for enrichment, support for differentiation, resources for language learners, etc.)? (Yes/No)
7. Comments

8. Information and Group Discussions of Final Recommendations of Curriculum for Governing Board Approval

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.

Norms

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Preparing to Present to the Committee at Large

When you present to the Committee your final recommendations, consider:

- Rationale for Selection
 - Why this product over the others?
 - Cite any curriculum/product highlights, 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

9. Final Recommendation for Earth and Space Science, Honors Earth and Space Science

Presentation of Recommended Curriculum

Action Item

Discussion and Approval of:

Activate Learning *EarthComm: Project-Based Earth and Space System Science* as the curriculum recommended for adoption for Earth and Space Science and Honors Earth and Space Science.

10. Final Recommendation for Oceanography/Astronomy

Presentation of Recommended Curriculum

Action Item

Discussion and Approval of:

Pearson *Essentials of Oceanography* and Cengage *Foundations of Astronomy* as the curricula recommended for adoption for Oceanography/Astronomy.

11. Final Recommendation for Astrophysics

Presentation of Recommended Curriculum

Action Item

Discussion and Approval of:

McGraw Hill *Explorations: An Introduction to Astronomy, 9th Edition* and OpenStax *Astronomy, 2nd Edition* as the curricula recommended for adoption for Astrophysics.

12. Final Recommendation for Environmental Science

Presentation of Recommended Curriculum

Action Item

Discussion and Approval of:

Cengage/National Geographic *Environmental Science: Sustaining Your World* as the curriculum recommended for adoption for Environmental Science.

13. Final Recommendation for AP Environmental Science

Presentation of Recommended Curriculum

Action Item

Discussion and Approval of:

BFW Environmental Science for the AP Course and Strive for 5 as the curriculum recommended for adoption for AP Environmental Science.

13. Timeline

Predicted Governing Board Meetings

1st Read/Information Session

Tuesday, March 5, 2024

SUSD Governing Board Meeting, 6:00 pm, Coronado High School

2nd Read/Possible Action Item

Tuesday, April 9, 2024

SUSD Governing Board Meeting, 6:00 pm, Coronado High School