



APPROVED
MINUTES OF SECONDARY SCIENCE CURRICULUM ADOPTION
COMMITTEE 2023-2024
SCOTTSDALE UNIFIED SCHOOL DISTRICT NO. 48
SUSD Oak Campus, 7501 E Oak St, Scottsdale, AZ 85257

Date: Tuesday, February 6, 2024 Time: 8:00 am - 3:00 pm

1. Call to Order

Meeting was called to order at 8:10 AM

2. Roll Call

Present: Marissa Blanco-Johnson, Rissel Langbacker, Michael Bengert, Paula Sabato, Kim Salaway, Jaclyn Papa, Providence Ryan,

Absent: Steve Millam, Micah Sandys, Nagib Balfakih, Julie Koshy, Jen MacColl, Jodi Meyers, Michelle Watt.

Chairperson(s), Committee Support -

Present: Kim Dodds Keran, Johanna Kaiser, Dede Johnston

The group reviewed Committee Norms.

Information/Discussion and Possible Action

3. Review and Approval of 02/06/2024 Meeting Agenda - Information/Discussion or Possible Action Item

Johanna Kaiser

- Motion was made by Providence Ryan
- Seconded by Paula Sabato
- Motion was approved by all

4. Approval of 01/08/2024 Meeting Minutes - Information/Discussion or Possible Action Item

Johanna Kaiser

- Motion was made by Paula Sabato
- Seconded by Michael Bengert
- Motion was approved by all

5. McGraw Hill - Inspire Earth Science Vendor Presentation, Questions, and Discussion

Committee members viewed a presentation by Jason Marshall and Larissa Sykes from McGraw Hill on the *Inspire Earth Science* curriculum. The presentation covered topics that included print

and digital access to the curriculum, languages available via the online platform, an overview of the digital resources, language development supports, an overview of the Actively Learn interactive science articles database, LMS integration capabilities, and three-dimensional instruction alignment supports. Additionally, teachers were guided through a unit and shown various components - anchoring phenomenon, Solve a Problem: STEM Unit Project, module investigative phenomenon, 5E lesson model highlights, flexible labs and investigations, virtual labs, virtual explorations, PHET simulations, interactive student textbook capabilities, science notebook supports, LearnSmart SmartBook adaptive and personalized learning, student and teacher reports, module study guides, and assessments. Teachers had the opportunity to log in and experience the platform and some activities as a learner. Committee members were provided an initial cost estimate for the product.

6. Houghton Mifflin Harcourt - HMH Science Dimensions: Earth and Space Science Vendor Presentation, Questions, and Discussion

Committee members viewed a presentation by Vanessa Wynans and Lisa Ballard from HMH on the *Science Dimensions Earth and Space Science* curriculum. The presentation covered topics that included information about integration with learning management systems, the HMH GO app, anchor phenomena, driving questions, evidence notebooks, three-dimensional learning integration, 5E lesson organization, pacing guides, and the online platform and its resources. Committee members were given a walk-through of a unit and shown the various student experiences (data analysis tasks, hands-on activities, cause and effect connections, math connections, virtual labs). Committee members were shown resources for English language learners, lesson extensions, and other differentiation strategies. The presentation also included information about On the Job STEM career videos, assessments, parent and home resources, and teacher support. Committee members were provided an initial cost estimate for the product.

7. Activate Learning - EarthComm Vendor Presentation, Questions, and Discussion

Participants viewed a presentation by Tom Pence and Michelle Tindall from Activate Learning on the *EarthComm* science curriculum. The presentation covered topics that included information about the Activate Learning EarthComm product, the student experience throughout the course, the 73 hands-on investigations, the 7E lesson organization model, pacing and unit organization information, chapter challenges, and integration of the Engineering Design Cycle. The committee members were given a walk-through of a unit and shown examples of various 7E components within the sample unit (elicit, explore, explain, elaborate, extend). Additionally the committee members received information about support for teachers, digital platform resources, integration capabilities with various LMSs, teacher planning support, embedded differentiation strategies, assessment guidance, student digital resources, grading/student feedback, virtual labs and simulations within the online platform, teacher and student videos, and American Geoscience Institute resources. Additionally, information about purchasing materials for the 73 hands-on investigations and professional development opportunities were discussed. Committee members were provided an initial cost estimate for the product.

8. Lunch Break

A recess was called at 11:50 AM

Committee members were reminded not to discuss committee business during the recess.

The committee was called to order at 12:36 PM

9. Pearson - *Essentials of Oceanography* and *Astronomy Today*, 9th Edition Vendor Presentation, Questions, and Discussion

Participants viewed a presentation by Brett Merley and Jayne Feuerbacher from Pearson on the *Essentials of Oceanography* and the *Astronomy Today* curriculum. For *Astronomy Today*, the presentation covered topics that included the product's components, updated scientific content, Big Picture emphasis, revisions/updates to learning outcomes, end-of-chapter materials and resources, pre-lecture videos, available tutorials, online astronomy labs, and interactive figures. For *Essentials of Oceanography*, the presentation included information about updates to the curriculum, and components of the curriculum. The presentation highlighted the product's focus on the process of science, exploring data lessons, oceanography animations, Smart Figures, and Smart Tables. The presenters gave an overview of the online platform's learning catalytics, study modules, interactive e-text features, assessments and gradebook. Committee members were provided an initial cost estimate for the product.

10. Cengage/National Geographic - *Oceanography* and *Foundations of Astronomy* Vendor Presentation, Questions, and Discussion

Participants viewed a presentation by Mallory Malcomb from Cengage on *Oceanography* and *Foundations of Astronomy*. The presentation included information about the online platforms for the two textbooks, National Geographic experiences, learning objectives, National Geographic Explorers, images, videos, multimedia presentations, animation tutorials, virtual astronomy labs, connection to real-world science, and book format/layout. The presenter provided an overview of the resources available on the online platform such as the instructor manual, powerpoints, test banks and answer keys. Committee members were given an overview of the various formative and summative assessments in the curriculum, ELL and differentiation supports, LMS integration capabilities, and training options. Committee members were provided an initial cost estimate for the product.

11. Future Meetings

Johanna Kaiser

- Vendor Presentations - Week of February 5th
 - Group C (Astrophysics): Wednesday, February 7, 8:00 - 12:45
 - Group B (Environmental Science, AP Environmental Science): Thursday, February 8th 8:00 - 2:15
- Committee Meeting: Monday, February 12, 2024 from 3:30 - 5:30 at SUSO Oak Learning Campus, 7501 E Oak, Scottsdale, AZ 85257

Adjournment

Meeting was adjourned at 2:33 pm.

Dated this day, Tuesday, February 6, 2024.