

Conversations about Science Standards Series

Looking Ahead to the Next Decade of Science Standards

WEDNESDAY, JUNE 7, 2023 ALL TIMES ET

Purpose

- Develop a shared understanding of the standards development and adoptions process and consider research and evaluation needs.
- Identify needs that can be addressed in the short-term including actors and actions.
- Consider long-term goals.

9:00–9:15

Welcome and Meeting Goals

Heidi Schweingruber, *Director, Board on Science Education*

Overview: Heidi will provide a little background and framing for the meeting.

9:15–9:45

Lightning Talks

Participants:

- Terrance Burgess, *Michigan State University*
- Susan Gomez Zwiep, *BSCS Science Learning*
- Kevin King, *WestEd*
- Maya Garcia, *Beyond 100Kin10*
- Jenny Sarna, *WestEd*
- Sam Shaw, *EdReports*

9:30 Q&A

Overview: Each participant gets to identify 1-2 key ideas to address in the short-term. They have one slide to illustrate the 2 ideas.

9:45–10:45

Panel: Research and Evaluation of Standards

Presenters:

- Don Peurach, *University of Michigan, School of Education*
- Sarah Woulfin, *University of Texas, Austin* (virtual)

10:30 Q&A

Presenters will focus on:

- How do we know when implementation is successful?
- How can we document what we are learning?

10:45–11:00

Coffee Break

Stretch. Grab some coffee. Prepare for small group discussion.

11:00–11:45

Breakout Groups: Short-term Steps

Session Overview: Small group discussions will focus on what can happen in the short-term emphasizing who needs to act and what should the action be. The goal is to be as concrete as possible.

11:45–12:30

Report out and Discussion

Session Overview: Each of the small groups will have time to share out the top two recommendations for action. There will then be time for discussion of the group. A representative from each group will also place the ideas (and any new suggestions) into Slido so that the group can vote on the top ideas.

12:30–1:30

Lunch

Grab some breakfast/lunch. Network. Upvote ideas in Slido.

1:30–2:00

Lightning Talks

Participants:

- Jamie Rumage, *Oregon Department of Education, Standards and Instructional Support*
- Daniel Edelson, *BSCS Science Learning*
- Matt Krehbiel, *OpenSciEd*
- Stefanie Marshall, *University of Minnesota*
- Stephen Pruitt, *Southern Regional Education Board* (video)
- Ellen Ebert, *Office of the Superintendent of Public Instruction, Washington* (virtual)

1:50 Q&A

Participants will focus on:

- What should the next set of standards look like?
- When we do it again, what do we need to think about?
- What evidence/research do we need to inform the next iteration of standards?

2:00–3:00

Panel: Standards Development and Adoptions Process

Presenters:

- Tiffany Neill, *University of Washington*
- Doug Paulson, *American Institutes of Research*
- Angela Osuji, *Minneapolis Public Schools* (virtual)

2:45 Q&A

3:00–3:15

Short Break/Transition to Breakout Groups

Stretch. Prepare for small group discussion.

3:15–3:45

Breakout Groups: Long-term Considerations

Session Overview: Small group discussions will reflect on the lightning talks to discuss what national leaders should be thinking about. This might include:

- Process
- Timeline
- Content and Structure
- Who needs to initiate? Who are the actors and what should they do?

3:45–4:15

Report out and Discussion

Session Overview: Each of the small groups will have time to share out the discussion and top recommendations. There will then be time for discussion of the group.

4:15–5:00

Next Steps

Session Overview: Attendees reflect on short-term and long-term recommendations. Discuss implications for next steps.

5:00 pm ET

MEETING ADJOURNS