

Conversations about Science Standards Series

Looking Ahead to the Next Decade of Science Standards

NAS Building, Room 125
2101 Constitution Ave. NW
Washington, DC 20418

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.

8:30–9:00

Registration and Breakfast

A light continental breakfast will be provided.

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 Zwiap, *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.

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.

12:30–1:30 Lunch

Grab some lunch. Network.

1:30–2:00 Lightning Talks

Participants:

- Jamie Ramage, *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.

3:15–4:00 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?

4:00–4:45 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.

4:45–5:00 Next Steps

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

5:00 pm ET MEETING ADJOURNS