

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Enhancing Science and Engineering in Prekindergarten through Fifth Grades
Meeting 3 Open Agenda -- Virtual

October 28-29, 2020

ALL TIMES ARE EDT

Additional information regarding the project can be found here (including links to videos):
<https://www.nationalacademies.org/our-work/enhancing-science-in-prekindergarten-through-fifth-grade>

Registration Info: <https://www.eventbrite.com/e/webinar-discussion-enhancing-science-engineering-in-pre-k-thru-5th-gr-tickets-123048893553?ct>

Wednesday, October 28

2:15 pm **Examining Science and Engineering in Preschools**
Moderator: *Carrie Tzou*, University of Washington, Bothell

Andres Bustamante, University of California, Irvine

Alissa Lange, East Tennessee State University

Jessica Whittaker, University of Virginia

Karen Worth, Education Development Center, Inc.

Each panelist has provided a 15-minute presentation that is available on the project page. This session time will be used exclusively for Q&A.

3:15 pm **Adjourn**

Thursday, October 29

11:00 am **Welcome**
Betsy Davis, Study Chair

11:05 am **Integrating Science with other Content Areas**
Moderator: *Ximena Dominguez*, Digital Promise

Monica E. Cardella, Purdue University

Engineering Education in Prekindergarten through Fifth Grade: An Overview
Miranda Fitzgerald, University of North Carolina Charlotte
Integration of Literacy, Science, and Engineering in Prekindergarten through Fifth Grade

Diane Jass Ketelhut and Lautaro Cabrera, University of Maryland College Park
Computational Thinking in Early Childhood and Elementary Science and Engineering Education

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Anne Leftwich, Indiana University Bloomington and *Tamara Moore*, Purdue University
Integration of Computational Thinking in Early Childhood and Elementary Education

This will be a facilitated conversation (no presentations). There will be a few prepared questions, but the emphasis will be on Q&A.

12:00 pm **Break**

12:30 pm **Moderated Discussion with Science Specialists**

Moderator: *Eve Manz*, Boston University

Renee Belisle, Team Lead & K-8 Science Curriculum Specialist, Denver Public Schools

Amanda Buice, Science Program Manager, Georgia Department of Education

Amy L. Reese, Coordinator, Elementary Science, Howard County Public School System, MD

Claudia Walker, Singapore Math Coach, Murphey Traditional Academy, Greensboro, NC

This will be a facilitated conversation. There will be a few prepared questions, but the emphasis will be on Q&A.

1:30 pm **Adjourn**