

Moving Science and Literacy Forward in Elementary Classrooms

State and national education experts will share a research-based vision for elementary teaching and learning of science and literacy with recommendations for how all Michigan children can experience the wonder of learning science from the earliest grades.

Keynote Address by Heidi Schweingruber

Director of the Board on Science Education,
National Academies of Science, Engineering, and Medicine



The importance of this effort will be highlighted by

Phil Duxbury, Dean of the College of Natural Science,
Michigan State University

Jerlando Jackson, Dean of the College of Education and
Michigan State University Research Foundation Professor of Education



Science learning is a civil rights issue discussed by

Terrance Burgess, Assistant Professor of Science Education, Department of
Teacher Education, Michigan State University.



A literacy research perspective will be shared by

Tanya S. Wright, Associate Professor of Language and Literacy,
Department of Teacher Education, Michigan State University.
Gina Cervetti, Professor, Marsal Family School of Education,
University of Michigan



A science research perspective will be discussed by

Joe Krajcik, University Distinguished Professor and the Lappan-
Phillips Professor of Science Education, Michigan State University.
Elizabeth (Betsy) Davis, Professor, Marsal Family School of Education,
University of Michigan



We will also hear from science and literacy consultants and innovative school district panel.

The movement begins Thursday, November 30, 2023.

Register today at elemsciencematters.org

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Moving Science and Literacy Forward in Elementary Classrooms: A Call to Action

State and national education experts will share a research-based vision for elementary teaching and learning of science and literacy with recommendations for how it can be achieved so that all Michigan children experience the wonder of learning science.



Keynote Address by [Heidi Schweingruber](#)

Director of the Board on Science Education,
National Academies of Science, Engineering, and Medicine



The importance of this effort will be highlighted by [Phillip Duxbury](#), Dean of the College of Natural Science, Michigan State University



[Tanya S. Wright](#) is an associate professor of Language and Literacy in the Department of Teacher Education at Michigan State University. Wright led the content development for the PreK and K-3 Literacy Essentials professional development videos of classroom literacy instruction. She is the lead author of the SOLID Start, science and disciplinary literacy curriculum for grades K-2. Wright leads the literacy integration team and is co-lead of the K-2 instructional design team for the OpenSciEd Elementary curriculum development project.

[Joseph Krajcik](#) serves as director of the CREATE for STEM Institute and is the Lappan-Phillips Professor of Science Education at Michigan State University. He works with faculty, teachers and researchers to improve the teaching and learning of science, mathematics and engineering kindergarten through college by engaging in innovation and research. Joe has focused on working with science teachers to design and test learning environments to reform science teaching practices and to research student learning and engagement in project-based learning environments.



[Elizabeth A. Davis](#) is a professor at the University of Michigan, School of Education. Davis chaired the National Academies of Sciences, Engineering, and Medicine committee that recently released the report *Science and Engineering in Preschool Through Elementary Grades: The Brilliance of Children and the Strengths of Educators*.

The movement begins Thursday, November 30, 2023
Kellogg Conference Center, East Lansing, Michigan

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