

Wade Institute for Science Education
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www.wadeinstitutema.org



Wade Institute for Science Education Spring 2022 Focus Workshops

Professional learning opportunities
for grades 3-5 or 5-8 educators



**Learn strategies for integrating science and literacy in your classroom, or
bring citizen science to your students with a place-based approach!**



Wade Institute for Science Education Spring 2022 Focus Workshops

Connecting Science and Literacy in the Elementary Classroom

A virtual professional learning opportunity for grades 3-5 educators

Join the Wade Institute and the EcoTarium as we explore the use of picture and trade books, as well as other tools for integrating science and literacy skills in the classroom. Discover the amazing world of squirrels as we engage in phenomena-based science instruction exploring animal behavior, like the physical and behavioral adaptations that make squirrels part gymnast, part economist, part bandit, and completely irresistible. You'll leave the workshop with science investigations that incorporate the concepts explored throughout the workshop, meet 3rd-5th grade science education standards, and model using the Science and Engineering Practices in the classroom. Participants will be provided with a materials kit for the inquiry-based, hands-on investigations during the course and four books for use with your students.



Collaborating Partner: EcoTarium

Virtual Sessions: April 28th & May 5th, 12th, 19th 2022 (3:30 PM - 6:00 PM ET)

Cost: \$350 per person; \$300 per person if attending with at least one other teacher from your school district

PDPs: 10 PDPs are available

This workshop is partially funded by the Michigan Science Teachers Association.



Songbirds and Stewardship: Engaging Your Students with the Science of Migration Through Place-Based Learning and Citizen Science

A hybrid professional learning opportunity for grades 5-8 educators

Learn how to engage your students in citizen science through a place-based approach. In this hybrid online and in-person workshop you'll get an introduction to the fundamentals of place-based learning, participate in citizen science projects at Manomet, and learn about how songbird populations are changing in response to human development. Develop guidelines, strategies and a lesson plan to support all students as you explore citizen science environmental monitoring projects relevant to your school community. The experience will culminate with a chance to interact with live birds and see the banding process first hand! Participants will also be provided with a curriculum packet to use in their classrooms.



Collaborating Partner: Manomet

Virtual Sessions: Wednesday, April 27th and Wednesday, May 4th, 2022 (3:30 PM - 6:00 PM ET)

On-Site Session: Saturday, April 30th, 2022 (9:00 AM – 2:30 PM ET) at Manomet

Cost: \$350 per person; \$300 per person if attending with at least one other teacher from your school district

PDPs: 10 PDPs are available

Whichever workshop you choose, you will:

- **Participate** in hands-on, inquiry-based investigations aligned with state learning standards
- **Experience** the use of Science and Engineering Practices in the classroom
- **Discover** how to develop phenomena-based units
- **Explore** how place-based learning can generate an inclusive science learning environment for all students

Learn more and register online at www.wadeinstitutema.org.

Questions? Email wadeinstitute@wadeinstitutema.org.