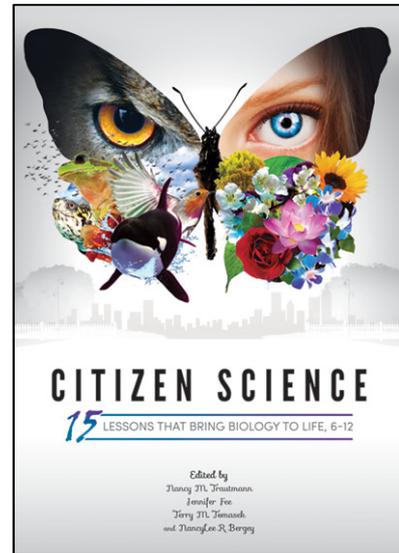


Citizen Science:

15 Lessons That Bring Biology to Life, 6–12

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Summary

The editors of this book have a straightforward goal: to inspire you to engage your students through public collaboration in scientific research – also known as citizen science. The book is specifically designed to get you comfortable using citizen science to support independent inquiry through which your students can learn both content and process skills. *Citizen Science* offers you the following:

- Real-life case studies of classes that engaged in citizen science and learned authentic scientific processes and the habits of mind associated with scientific reasoning.
- 15 stimulating lessons you can use to build data collection and analysis into your teaching.
- Plenty of flexibility. You can use the lessons with or without access to field or lab facilities; whether or not your students can collect and submit data of their own; and inside your classroom or outside through fieldwork in school yards, parks, or other natural areas in urban or rural settings.

You do not need an advanced degree in science to guide your students in productive participation in a variety of citizen science projects. As the editors note, “Such involvement can scaffold teachers’ entry into facilitating student investigation while connecting students with relevant, meaningful, and real experiences with science.”

Other Resources

- *Inside-Out: Environmental Science in the Classroom and the Field, Grades 3–8* (NST4742)
- *Climate Change From Pole to Pole: Biology Investigations* (NST4704)
- *Once Upon a Life Science Book: 12 Interdisciplinary Activities to Create Confident Readers* (NST4674)
- *Problem-Based Learning in the Life Science Classroom, K–12* (NST0492)