

The Wall Township Environmental Advisory Committee provides lesson plans to encourage educators to teach students about the importance of protecting our environment. The following lesson plans are available for Kindergarten – fifth grade and organized by grade level. Please reach out to the WTEAC with any questions at walltownshipwteac@gmail.com

Environmental Lessons Plans by Grade Level

Project SEA: Science, Education, and Action

- Curriculum resources effectively use [The Next Generation Science Standards](#)
- Lessons (by grade level):
 - Kindergarten
 - [Sea Jellies Among Us](#)
 - A kindergarten lesson in which students create models of jellyfish to help understand the way their bodies interact with the marine environment.
 - First Grade
 - [Making Waves](#)
 - A first-grade lesson exploring sound waves and how they travel through water. This lesson connects to echolocation and animal communication as well.
 - Second Grade
 - [Reduce, Reuse, Recycle](#)
 - A second grade lesson introduces the idea of reduce, reuse, recycle and has students create a classroom waste management plan.
 - Third Grade
 - [Ocean Engineering](#)
 - A two-part third grade lesson including design challenges to help students better understand oyster reefs and ocean monitoring systems
 - Fourth Grade
 - [Green Infrastructure](#)
 - A fourth-grade lesson and design challenge exploring watersheds and green infrastructure.
 - Fifth Grade
 - [Stormwater](#)

- A fifth-grade lesson on the water cycle considering stormwater cycling in particular.

Recommended Classroom Reading List:

- *Nano: The Spectacular Science of the Very (Very) Small* by Dr. Jess Wade
- *What a Waste: Trash, Recycling, and Protecting Our Planet* by Jess French
- *Meadowlands: A Wetland Survival Story* by Thomas F. Yezerski
- *Teacher at Sea: Mrs. Armwood's Hydrographic Adventure on the NOAA Ship FAIRWEATHER* by Diane Marie Stanitski
- *Ducks Overboard!: A True Story of Plastic in Our Oceans* by Markus Motum
- *An Island Grows* by Lola M. Schaefer
- *The Book of Trees: Visualizing Branches of Knowledge* by Manuel Lima
- *Falcons Nest on Skyscrapers* by Priscilla Belz Jenkins
- *Urban Roosts: Where Birds Nest in the City* by Barbara Bash
- *Elliot and the Osprey Nest* by Ingrid Simunic