



Wind Turbine Workshop for Middle School Educators— Earn FREE PDPs!

Learn how to introduce STEM in your classroom through guided inquiry and hands-on learning.

Students will develop and construct real devices that work!

When: Jan. 6 and Jan 13, 2020 3:00-5:30 pm (plus follow-up coaching)

Where: Mashpee Middle-High School, 500 Old Barnstable Rd., Mashpee

Cost: FREE

Register: Register at <https://www.tinyurl.com/windturbinePD>

We will use a simplified wind turbine to learn about and study aspects of the engineering and design process: variables, constraints, prototyping, testing, data recording and evaluation, communication and redesign. After uncovering the basics, you will design and construct your own modifications for the wind turbine to maximize output.

Throughout the workshop we will highlight direct connections to **NGSS, 3-Dimensional Learning**, and the **MA Science and Technology/Engineering Learning Standards** in a way that will allow you to use the innovative **CPO Science Wind Turbine Learning Module** in your classroom. Classroom kits are available to borrow from the Cape Cod Regional STEM Network lending library. Generously supported by a grant from the Massachusetts Clean Energy Center. Contact Bridget Burger for more information at bburger@capecod.edu.