

Call for KidWind: Using Wind to Harness the Power of Young Minds

Presented by Dr. Susan Stewart
and Amber Cesare (CSATS)

November 8, 2018 (9:00 a.m. – 2:30 p.m.)

The Londonderry School, 1800 Bamberger Road, Harrisburg PA 17110

Think you or your class has what it takes to build the most efficient, functional, and innovative wind turbine? Try your luck at the KidWind Challenge! Be creative, have fun, and apply your knowledge of wind energy to win cool prizes.

When students participate in a KidWind Challenge they will:

- Discover the promise and limitations of wind energy technology
- Design, build, and test a functional creative wind turbine
- Compete with their peers in a supportive environment

Wind is the fastest growing energy resource in the United States today. In this workshop you will engage in hands-on activities that will introduce you to the science behind wind energy while putting easy-to-use tools in your hands. Hands-on activities include investigations of turbine blade and generator designs that go “beyond pinwheels” and encourage analytical thinking. These investigations are powerful vehicles to expose students to “difficult-to-hold-onto” concepts like energy conversion and transfer, electricity generation, and our energy future. You will leave this workshop with the knowledge, skills, and resources needed to introduce students to wind energy concepts. You can use the activities from the workshop with your students to get them excited about the KidWind Challenge.

Target Audience: Teachers of students grades 4-12

This workshop is FREE to all educators with ACT 48 (5 hours)

All i-STEAM workshops are aligned to the PA Science and Technology standards, Engineering Education Standards, and Next Generation Science Standards.

A continental breakfast and lunch are provided by the Center for Science and the Schools (CSATS). Maximum enrollment is 24 register online now to reserve a spot online today.

Register at: <http://www.csats.psu.edu/overview-of-csats-programs/academic-year-workshops/isteam-workshops>

For more information contact Amber Cesare at 814-867-1323 or email ams5306@psu.edu.

