

Introduction to Energy Teacher Workshop



- ◇ Discover hands-on STEM activities that work with Next Generation Science Standards (NGSS). ◇
- ◇ Help students connect abstract science to real-world applications and careers. ◇
- ◇ Appreciate how the science of energy production can get students excited and engaged. ◇

Details

9 a.m. – 3:30 p.m.

Wednesday, Oct. 2
(Register by Sept. 19)

2707 Vine St., Ste. 17
Hays, KS 67601

OR

Thursday, Nov. 7
(Register by Oct. 24)

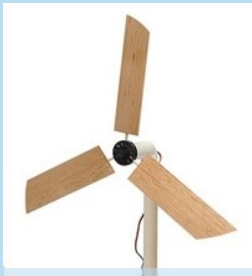
605 E. Crawford St.
Salina, KS 67401

Register online at:
[register.smokyhill.org/
register](http://register.smokyhill.org/register)

Questions?

Contact Dan Whisler at
dkwhis@cox.net

or Pam Kraus at
pkraus@smokyhill.org



“Introduction to Energy” includes activities that integrate science, technology, engineering and the math of energy production and as used in our society for 4th-12th grade teachers.

The workshop presenter, Dan Whisler, will share activities and lesson plans that are part of Trane’s BTU Crew curriculum. The curriculum aligns with standards in the introductory course for the Energy Pathway in the CTE program starting with the 2019-2020 academic year.

Learn how you can take these classroom activities a step further by encouraging your students to enter competitions next spring! Opportunities include the Regional & State KidWind Challenges and the NEED Project Youth Awards.

A KidWind Advanced Wind Experiment Kit is included as part of the workshop for participants.

Workshop participants receive a variety of hands-on and engaging classroom activities to aid teaching energy from both an environmental and economic perspective. Topics cover the scientific method, as well as data collection and analytics using standards-based activities.

To help encourage and jumpstart classroom activities, teachers are invited to bring a small group of students (two–four per teacher), if desired. Students will participate in the activities, too. There is no additional fee for students who attend.

Additionally, free resources and support are available through Kansas Strong, Kansas Energy Program, as well as The NEED Project.

Please bring a laptop computer to use during the workshop!

Dan Whisler

Whisler served as the life science teacher for Sterling High School for more than three decades. He has also served as the leader of the SHS Wind for Schools

program. Today, he is educator in residence for Trane – Climate Solutions. He holds a bachelor’s degree from Bethany College and a master’s from Emporia State University.

