



Ride the Wild Wave of NGSS Science and Engineering

Date: Feb. 4, 2015

Time: 8:30-3:30

Location: CESA 5

Cost:

Defined STEM grant districts: No fee

Student Achievement Consortium members: \$75

All Others: \$150
(Register by 1/20 for \$25 early bird discount.)

Register at
www.myquickreg.com

Questions: Contact
Melissa Sumwalt
sumwaltn@cesa5.org

Join us to explore how to integrate the Science & Engineering Practices of the Next Generation Science Standards (NGSS) into your K - 12 classroom to create engaging lessons and activities for your students. This workshop will provide model science & engineering design activities that spiral through the K-12 curriculum. We will explore the Engineering Design Process and experience model activities on topics such as sound waves (physical sciences), wildlife and engineering (life sciences) and earthquakes (earth or space sciences). You will discover how working together, scientists and engineers can use their knowledge and creativity to look for solutions and possibilities as they address unique needs. Our approach demonstrates how to integrate Science & Engineering lessons into your current teaching practice while efficiently connecting to science disciplinary literacy and mathematics coverage.

Presenter Information:

Lisa A. Riedle is a professor of engineering at the University of Wisconsin - Platteville. She has a Ph.D. in Engineering and is a registered professional engineer. Lisa has extensive experience in collegiate classrooms and administration. .

Dorothy A. Ginnett is the Science Specialist for CESA 5. Dorothy earned a Ph.D. in Wildlife Ecology and serves as an Online Advisor for the National Science Teachers Association (NSTA).

- Bring your laptop or tablet for this event.

Defined STEM grant districts:

Adams-Friendship, Fall River, Iola-Scandinavia, Montello, Necedah, Pittsville, Portage, Poynette, Randolph, Waupaca, Wautoma, Wild Rose, Wisconsin Dells, and Wisconsin Rapids.