



# Champlain Valley Educator Development Center

Collaborative Professional Learning to Support Vermont Schools

## NGSS for All Students Through Personalized, Proficiency-Based Learning

Facilitated by Liz Mirra

**Target Audience:** Middle and High School Science Teachers, Teacher Leaders, Coaches and Administrators

What do our science classrooms look like with new science standards, personalized learning while evaluating students based on their mastery of proficiencies?

Middle and high school teachers are invited to explore how the intersection of the **three dimensions of the NGSS, personalized learning, and proficiency-based assessment** can be used to meet the needs of all students and ensure they master the new science standards. In this workshop we will explore:

- The hallmarks of three-dimensional learning prescribed by the *Framework* and the NGSS.
- How NGSS can be assessed to determine mastery of proficiencies in classrooms and schools that allow for personalization.
- Resources for determining what proficiency looks like for a NGSS standard and how to use that information to develop proficiency scales.
- How to design units and incorporate instructional strategies that allow us to meet the needs and ensure the success of diverse student groups including economically disadvantaged students, students with disabilities, English language learners, and gifted and talented students.

### **About the Instructor:**

*Elizabeth Mirra is the Math and Science Instructional coach for the Springfield School District in Springfield, VT and has been a middle and high school science educator for over 15 years. She was involved in reviewing and providing feedback on the Next Generation Science Standards throughout their development. She is a national presenter facilitating workshops on the NGSS. Liz was the 2011 recipient of the prestigious President's Award for Excellence in Science Teaching.*



**Date:** April 17, 2017

### **Hours:**

8:30 registration  
9:00-3:30  
(light breakfast and lunch included)

### **Location:**

Hampton Inn  
Conference Center,  
Colchester, VT

### **Cost:**

\$ 175 CVEDC Members  
\$ 200 Non-Members

Includes text:  
NGSS For All Students

To Register: [www.cvedcvt.org](http://www.cvedcvt.org)

Questions? [info@cvedcvt.org](mailto:info@cvedcvt.org)

Or call: 802-497-1642



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