



Champlain Valley Educator Development Center

Collaborative Professional Learning to Support Vermont Schools

K-8 NGSS Science Lessons Meet Digital Tools

Facilitated by Laura Pratt and Lisa Barry

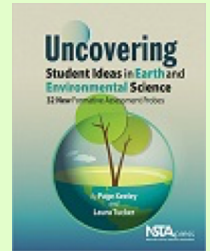
This workshop will focus on ways that teachers of Grades K-8 can use digital tools to enhance their science curriculum. Emphasis will be placed on the crosscutting themes in NGSS and giving you an opportunity to try out technology resources that align with them. Participants will leave with several digital learning opportunities to take back and try out with their students. There will be activities using Google Drive Apps, numerous websites, Chrome Extensions, Chrome Apps and iPad Apps. Participants will learn ways to assess student knowledge using technology.

Workshop Goals:

- Align NGSS Standards with Crosscutting Themes -Focus on Patterns, Cause and Effect
- Exploring Science and Engineering Practices
- Explore different, new technologies
- Learn about Science related Apps and Websites
- Plan out at least one lesson using digital tools
- Become familiar with assessments both digital and non-digital
- Analyzing and interpreting data
- Understanding connections to ELA and Math Common Core Standards
- Use the 5E method of Lesson Planning

Laura Pratt is a 7th and 8th science teacher at Essex Middle School. She has a Masters degree in science from Lesley. She has been teaching middle school science for fifteen years and received the Presidential Award for Excellence in Science Teaching (VT) in 2007.

Lisa Barry is a Technology Integrationist in Essex Town School District and teaches graduate level technology courses including: Personalized Learning with Technology, Digging Deeper Using Technology, Designing and Assessing Technology, Technology Paves the Way. Lisa has an M.S. Integration and Information Technology and is a Google Certified Educator.



Dates:

October 12, 2016 plus
7 hr. online component

Hours:

9:00 am -3:30 pm

Location:

Essex Middle School
Essex Jct., VT

Cost:

\$175 CVEDC Members
\$225 non-members

Includes book:

Keeley and Tucker:
Uncovering Student
Ideas in Earth and
Environmental Science

Bring your own online
connectivity tool.

To Register: www.cvedcvt.org

Questions? info@cvedcvt.org

Or call: 802-497-1642



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All schools in Addison, Chittenden,
Grand Isle and Franklin Counties
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