

Get Ready for the NGSS!
Join us at our NGSS Summer Institute for Grades 6-12
Monday July 25 – Friday July 29, 2016

Are you NGSS ready? Do you understand the science and engineering practices and crosscutting concepts and how they deepen student understanding of science? What is the engineering design process and how do you integrate it into your science lessons? How can you help students develop and use models to construct explanations for natural phenomena?

The Next Generation Science Standards (NGSS) are right around the corner. Implementation and testing will begin in 2016-2017 for grades 6-12 and in 2017-2018 for grades K-5.

In summer 2016 the Science Education Institute at Raritan Valley Community College will offer a week-long Institute designed to help teachers of grades 6-12 and their supervisors prepare for the NGSS. Participants will receive an in-depth introduction to the Framework and the NGSS student performance expectations. They will engage in middle and high school level investigations



that are structured along a performance sequence that consists of three stages: *Gathering, Reasoning, and Communicating*. Each stage consists of one or more performance tasks that are similar to the NGSS performance expectations and integrate *Science and Engineering Practices, Crosscutting Concepts, and Disciplinary Core ideas*. Participants will be introduced to a nationally field-tested Lesson Idea Template and there will be multiple opportunities for participants to plan their own NGSS-aligned lessons.

The week-long Institute is held at Raritan Valley Community College in North Branch, NJ. Each day begins promptly at 9 am and ends by 3:30 pm. Light breakfast and lunch will be provided.

The Institute is led by Dr. Wil van der Veen, a nationally recognized expert on the NGSS and science education and a member of the New Jersey State Leadership Team for the NGSS. The Institute is co-facilitated by K-12 classroom teachers from the NGSS Teacher Leader Program, a collaboration among Princeton University, Rider University, and Raritan Valley Community College.

**The fee is only \$300 for the week, or \$250 for registrations received by March 31, 2016.
Register early! Last year's Institute was filled by the end of April!**

For more information and to register visit our website at www.raritanval.edu/njace or contact Mariel O'Brien at mariel.obrien@raritanval.edu or 908-526-1200 Ext 8942.

For long-term professional development on the NGSS in your district contact Dr. Wil van der Veen at wil.vanderveen@raritanval.edu or 908-526-1200 Ext 8566.