

## Join us at our NGSS Summer Institute for Grades K-12 Monday July 22 – Friday July 26, 2019

Is your classroom NGSS-aligned? As we begin our third year of implementation, many educators are ready to deepen their understanding of several foundational aspects of the NGSS:

- developing and using phenomena,
- developing instructional and assessment tasks that meaningfully integrate practices, crosscutting concepts, and core ideas,
- prompting student responses using crosscutting concepts,
- supporting students in using core ideas to construct explanations supported by arguments,
- supporting students in defining engineering problems, and developing/optimizing solutions.

The Science Education Institute at Raritan Valley Community College offers a week-long Institute designed to support K-12 teachers and supervisors with the implementation of the NGSS. This Institute is based on what we are learning about NGSS implementation through our work with teachers in New Jersey and across the nation, and is revised each year to reflect best practices.

The Summer Institute provides an immersive experience with the vision behind the NGSS and its three dimensions: the core ideas, the practices, and the crosscutting concepts. Participants engage in NGSS-aligned investigations to experience how practices, crosscutting concepts, and core ideas are meaningfully integrated in instruction and assessments in physical science, life science, earth science, and engineering. The institute includes K-12 sessions to illustrate how the NGSS develops across grades as well as breakout sessions for grades K-5 and 6-12. Every day there will be multiple opportunities for reflection and structured time to plan NGSS-aligned lessons.



The week-long Institute is held at Raritan Valley Community College in Branchburg, NJ. Each day begins promptly at 9 am and ends at 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.

**The fee is \$300 for the week; Register early as our Summer Institute tends to fill up quickly!**

For more information and to register online visit our website at [www.raritanval.edu/ngss](http://www.raritanval.edu/ngss) or contact Tina Gandarillas at [tina.gandarillas@raritanval.edu](mailto:tina.gandarillas@raritanval.edu) or 908-526-1200 Ext 8942.

To develop a long-term NGSS professional development plan for your district, contact Dr. Wil van der Veen at [wil.vanderveen@raritanval.edu](mailto:wil.vanderveen@raritanval.edu).

