

Next Generation Science Standards Summer 2015 Academy



Dates: July 6-10, 2015

Time: 8:00– 3:00 pm daily

Location: Moraine Valley Community College –Business and Conference Center (Building M)
9000 W College Pkwy
Palos Hills, IL 60465

Audience: K-12:
- Science Teachers
- Science Curriculum Dir.
- Principals
- other Administrators
(School Teams Encouraged)

CPDUs: 25 credits

Cost: \$875/ person
(Includes lunch each day)

Capacity: 200

Deadline: Register Online by: **June 21**
Check/PO Rcvd. by: **June 26**

To Register: <http://ngss.info>

This workshop is designed for K-12 science teachers and administrators who have at least introductory knowledge of the Next Generation Science Standards. This is an in-depth one week workshop that will give teachers experience in constructing lessons, activities and assessments that are aligned with the Next Generation Science Standards. This workshop is designed and led by Dr. Carol K. Baker, one of the forty-one NGSS Writers. Dr. Baker is currently working with teachers in her own school district, CHSD 218, as well as mentoring teachers in other schools as they transition curriculum, instruction, and assessments to meet the Next Generation Science Standards. During this week-long academy, participants will work with teachers already implementing NGSS and be able to delve deeply into all aspects of science instruction aligned with these new standards.

Over the span of the workshop participants will engage in the following activities:

- Daily introduction and instruction provided by Dr. Baker related to each days' activities.

- Examples of each NGSS Science and Engineering Practice and breaking down the Practices within each grade band.
- Embedding the Crosscutting Concepts into lessons to build deep connections within and between concepts and content over time.
- NGSS aligned course mapping including instruction on building story lines that connect concepts within and among curricular units.
- Developing inquiry-based lessons and activities using the 5E model including instruction on revising “cook-book” lessons to be more inquiry-based.
- Using the NGSS Evidence Statements in designing curriculum and planning lessons.
- Developing performance based assessments that are aligned with NGSS, including rubric development and using scenarios to write questions that assess multiple cognitive levels.
- Using the EQuIP rubric to determine how well aligned lessons and curriculum resources are to the NGSS

Have a Questions?
help@ngss.info

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