



CESA 6 Instructional Services and the Learning and Assessment Center Present:

Next Generation Science Standards Implementing NGSS and Designing NGSS Instruction and Assessments

June 20–21 and/or August 14–15, 2014

June 20–21: Implementing the Next Generation Science Standards

Wisconsin science teachers have been eagerly anticipating how NGSS will impact their science programs. Once introduced to the three dimensions of NGSS (National Research Council's *Framework for K-12 Science Education*) educators are left asking, "What's the next step?" Some have begun to explore and investigate ways to modify existing curriculum to "cover" NGSS. Successful implementation requires a more concerted effort. This workshop will provide you with the tools necessary to evaluate your science program and set a clear path for NGSS integration or implementation.

- Discover how the three dimensions of NGSS unfold and develop through a vertical progression.
- Engage in planning course sequences for middle and high school science programs.
- Plan instructional units using backwards design and the 5E instructional design model.
- Explore how to move your program towards NGSS without a complete redesign.

Target Audience—Science Depts., Teams of Science Teachers, Curriculum Directors

August 14–15: Designing Instruction & Assessments for the NGSS

NGSS will change the way that science education is delivered. Classroom teachers will be challenged to help students build deeper understanding. Instructional models and classroom assessments will need to focus on utilizing all three dimensions of NGSS in an explicit and integrated way. This workshop will provide you with tools and techniques to design assessments that gauge student understanding and to build an instructional plan that provides students ample opportunity to learn and then demonstrate understanding.

- Learn how to incorporate the three dimensions into activities and assessments.
- Engage in activities to merge science inquiry with Science & Engineering Practices.
- Develop assessment tools to measure the depth of understanding and ability.
- Collaboratively build and review SLOs & SLO assessments using NGSS Performance Expectations that require deeper thinking and application of knowledge

Target Audience—K-12 Science Educators, Curriculum Directors



Chad Janowski, a science instructor for the Shawano School District, is a member of the CESA Science Advisory Leadership team and a founding member of Science Futures.

Registration Details

- **Dates:** June 20–21 and / or August 14–15
- **Time:** 8:30 a.m.—3:00 p.m.
- **Registration Fee(s):**
Members—Learning & Assessment Ctr
 ✓ One Workshop—\$200 / person
 ✓ Both Workshops—\$350 / person
Non-members
 ✓ One Workshop—\$250 / person
 ✓ Both Workshops—\$450 / person
- **Location:**
 CESA 6 Conference Center
 Solutions Center Conf. Rm.
 2300 State Road 44, Oshkosh
- **To Register Online, go to:**
http://www.cesa6.k12.wi.us/prof_dev/

Cancellation Policy:

Registration cancellation must be received 48 hours before the scheduled date for a refund to be issued. Attendance is limited, so persons registering and not in attendance will be charged the full registration fee. CESA 6 reserves the right to cancel any session due to insufficient enrollment. Participants will be notified by email if a cancellation occurs.

NGSS Implementation / Designing Instruction & Assessment

Please indicate desired workshop(s): ___ June 20–21; ___ August 14–15; ___ Both

8:30—3:00 p.m.; CESA 6 Conference Center, Oshkosh

Participant Name(s) _____

Position(s) _____

District _____

Phone (Work) _____

(Home) _____

Would you like to be notified by email of future CESA 6 training sessions? Yes No

Email Address _____

Special accommodations or dietary needs _____

To Register: Go to http://www.cesa6.k12.wi.us/prof_dev/ or send completed form to:

Amy Ruppert, Program Assistant

CESA 6, 2935 Universal Court, Oshkosh, WI 54904; Fax: 920-424-3478

Please check one:

- Check is enclosed, made payable to CESA 6
- Bill my School District, PO # _____
- Use my Conference Attendance Fund (CESA 6 employed staff ONLY)
- Credit Card Payment

Cardholder Name _____

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