



EDGEWOOD COLLEGE

MAKING SENSE OF SCIENCE: DYNAMIC EARTH: A COURSE FOR K-8 TEACHERS

Instructors: Sarah Adumat and Kathy Huncosky
June 11 through June 15, 9:00am–4:00pm @ Edgewood College



Schedule

Monday, June 11–Friday, June 15, 2018,
9:00am–4:00pm. Lunch provided.

Location

Edgewood College Main Campus,
1000 Edgewood College Drive,
Madison, 53711
Sonderegger Science Center

Register at

<http://pd.edgewood.edu>
SCIENCE-1 in the STEAM catalog

Registration cost

\$100 for a seat in the course. This reduced cost is subsidized by grant funding.

Credits

One or two graduate credits are available for an additional \$180 per credit. Enroll for credits during the course.

Questions

Course content:

Rachael at rlancor@edgewood.edu

Registration & credits:

Ken at ksyke@edgewood.edu

<http://pd.edgewood.edu>

**Register at <http://pd.edgewood.edu>
then the STEAM catalog**

Looking to better understand earth science and its scientific inquiry? This course is for you!

PARTICIPANTS

This 5-day course is designed for K-8 teachers who would like to strengthen their content and pedagogical content knowledge of earth science, and explore what scientific inquiry looks like in geoscience. Teachers with experience ranging from entry to expert will deepen their understanding of science and science pedagogy.

OVERVIEW

The course is facilitated using an adult-learner model, and participants work together to deepen their understanding of the science, regardless of where they start. Each day will focus on a different aspect of Earth's systems (e.g., rocks, soil), including how they change over time and how they interact with each other. Investigations are aligned with the Next Generation Science Standards.

This workshop was designed by the Making Sense of SCIENCE team at WestEd, a nonpartisan, nonprofit research, development, and service agency that works with education and other communities throughout the U.S. and abroad to promote excellence, achieve equity, and improve learning for children, youth, and adults.

A National Science Foundation–funded study found that students whose teachers participated in WestEd's Making Sense of SCIENCE training outperformed their peers by nearly 40 percent; gains were greatest for English language learners and low-performing students. Both Sarah and Kathy are certified WestEd facilitators.

Sarah Adumat is currently the K-8 STEM coach in the Oshkosh Area School District where she helps teachers implement the Next Generation Science Standards and three-dimensional learning. Previously she taught science through a modeling approach at Monona Grove High School. While in graduate school, Sarah co-facilitated several Making Sense of SCIENCE courses and also co-facilitated engineering workshops for teachers.

Kathy Huncosky has been a K–8 educator as well as a science education specialist for the Madison Metropolitan School District. A professional learning specialist with the Making Sense of SCIENCE team, she is also the WI Site Coordinator for the Investing in Innovation grant. She facilitates professional learning across the country, and shares her skills in developing the Making Sense of SCIENCE courses.