

# Making Sense of SCIENCE™

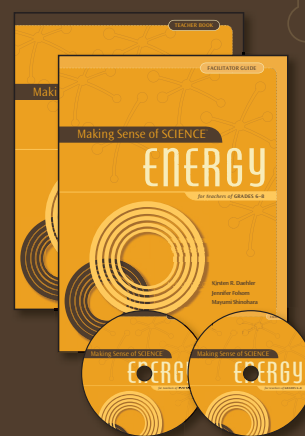
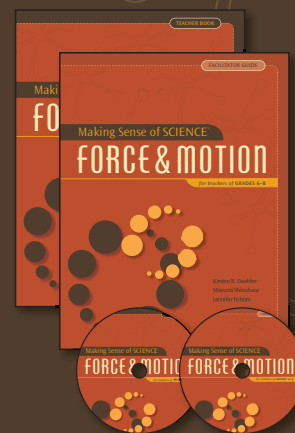
2011  
FACILITATION  
ACADEMIES

Proven professional development that helps teachers develop their science content knowledge, strengthen their science teaching, explore how students think about science concepts, and consider how to support students' literacy needs in science.

## ABOUT THE MATERIALS

Making Sense of SCIENCE™ (MSS) is a comprehensive series of professional development courses that focus on core topics of K–8 earth, life, and physical science. Each course explores the intersection of science knowledge, teaching, and literacy so that teachers are better able to support students in making sense of essential science content. The courses, developed by the Understanding Science for Teaching project at WestEd, are nationally field-tested and proven through rigorous research studies to be effective for teachers and students — especially for diverse students, including English language learners and students with poor literacy skills. As a result, MSS courses help close student achievement gaps.

Each course is supported by a Teacher Book and Facilitation Guide. The Teacher Book contains five core sessions, each a full day of collaborative learning, along with a Looking At Student Work™ follow-up guide to support teachers' analysis of their own students' work throughout the school year. The Facilitator Guide provides detailed yet flexible procedures, in-depth background information, guiding questions and charts to use during group discussions, and other insights for successfully leading each Making Sense of SCIENCE course.



“ Making Sense of SCIENCE is phenomenal! We’ve learned so much about science, literacy, and facilitation during their academies, and as a result our science teachers have grown tremendously. The work has been instrumental in improving student achievement in our district. ”

~Kathy Huncosky & Lesli Taschwer  
Science Instructional Resource Teachers  
Madison, WI

### ABOUT THE ACADEMIES

Facilitation Academies prepare staff developers, district science leaders, and other teacher educators to effectively lead a **Making Sense of SCIENCE** course for teachers. Academy participants:

- experience the teacher course firsthand, make sense of vexing science concepts, explore the practice of teaching science, and consider how to support students' literacy needs in science
- collaboratively investigate the art of facilitation, including strategies for promoting evidence-based conversations among teachers and strategies for supporting teachers' analysis of student work and use of formative assessments
- practice facilitation and receive one-on-one coaching

The academies are limited in size and led by the course developers, helping to ensure a personal and high-quality learning experience for each attendee. Since leading a rigorous, multi-day course for teachers can be quite demanding, we encourage pairs of co-facilitators to attend whenever possible.

### LOCATION

WestEd  
730 Harrison Street  
San Francisco, CA 94107

### COST

\$2,100 per person (or \$1,800 per person for teams of two or more), includes a Teacher Book with CD, a Facilitator Guide with CD, and a complete set of course charts. Also includes breakfast and lunch each day. Travel and lodging are not included.

### DATES

Energy	Force and Motion
June 13–17, 2011	July 11–15, 2011

Academies run 8:30–5:00 Monday through Thursday and 8:30–3:00 Friday.



Space is limited and registration is first come, first served. To register, send the completed form to:

Mikiya Matsuda  
WestEd  
300 Lakeside Drive, 25<sup>th</sup> floor  
Oakland, CA 94612  
tel: 510.302.4206  
fax: 510.302.4242  
mmatsud@wested.org

You will receive a confirmation of your registration by email. All payments must be received by **May 15<sup>th</sup>** and can be sent separately from registration forms. Unpaid registrations will be canceled and spaces will be made available to others. All checks should be payable to WestEd.

If you have questions, please contact Mikiya Matsuda at [mmatsud@wested.org](mailto:mmatsud@wested.org) or visit our website at [www.wested.org/mss](http://www.wested.org/mss).



## Making Sense of SCIENCE™

2011 Facilitation Academies

### REGISTRATION FORM

Facilitation Academy  Energy  Force & Motion

Your name: \_\_\_\_\_

Co-applicant name(s): \_\_\_\_\_

School/Organization: \_\_\_\_\_ Position: \_\_\_\_\_

Mailing address:  w  h \_\_\_\_\_

Primary phone:  w  h  c \_\_\_\_\_ Secondary phone:  w  h  c \_\_\_\_\_

Primary email: \_\_\_\_\_ Secondary email: \_\_\_\_\_