

PDI-7 Work Session: Developing Formative and Summative Assessments of NGSS Performance Expectations

Wednesday, April 2, 2014

9:00 a.m. – 4:00 p.m.

Conference Room 254B, Boston Convention and Exhibition Center

Presenters and Facilitators:

Angela DeBarger	<i>SRI International</i>
William Penuel	<i>University of Colorado at Boulder</i>
Christopher Harris	<i>SRI International</i>
Yves Beauvineau	<i>Culturally Responsive Science Pedagogies</i>

Time	Activities	Materials
9:00 - 9:30	Overview of the Day and Introductions	<i>Agenda</i>
9:30 - 10:20	Task Analysis	<i>Task Analysis</i>
10:20 - 10:35	BREAK	
10:35 - 10:45	From Performance Expectations to Assessments: An Overview	<i>NGSS Performance Expectations</i>
10:45 - 11:45	Unpacking Science Practices: Explanation and Modeling	<i>NSTA Articles</i> <i>NGSS Appendix F Excerpts</i> <i>Unpacking Science Practices Worksheet</i>
11:45 - 12:45	LUNCH	
12:45 - 1:50	Applying Evidence-Centered Design to Develop a NGSS Assessment Argument	<i>Developing a NGSS Assessment Argument</i>
1:50 - 2:15	Designing Assessment Items and Rubrics	<i>Task Development Worksheet</i>
2:15 - 2:30	BREAK	
2:30 - 3:00	Sharing Assessment Items and Rubrics	
3:00 - 3:45	Assessment in Action and Developing a Formative Assessment Toolkit	<i>Transcripts of Classroom Discussion</i> <i>Norms for Thinking and Acting Like a Scientist</i> <i>Teacher Talk Moves and Student Talk Moves</i>
3:45 - 4:00	Summary and Future Directions	