



National Science Resources Center

THE NATIONAL ACADEMIES



Smithsonian Institution

National LASER Secondary School Science Education SPI Strategic Planning Event, February, 2008, Houston, TX

Changing the Course of Science Education—

Sally Goetz Shuler, Executive Director, NSRC

Engaging with Inquiry Teaching and Learning—

Cathy Stokes; Christos Zahopoulos; Yolanda Evans
([Five Features of Inquiry](#); [Worksheet1](#); [Worksheet2](#))

How People Learn—

Suzanne Donovan; Lee Meadows
([Materials](#), [Resources](#))

Making Change for School Improvement—

Joyce Dutcher; Lee Meadows; Tonja Parker
([Description of Change Game](#); [Change Game Results](#); [Reflection Sheets](#); [Reminder to Monitors](#))

Student Achievement in Well-Supported Implementations of Science Curriculum Materials—

Bill Watson

Assessment for Student Learning—

Arthur Mitchell
([Assessment Types](#); [Density Student Worksheet](#); [Density Student Worksheet2](#); [Density Student Worksheet3](#); [Unknown Liquids Directions](#))

Making the Case for Effective Professional Development—

Brenda Terry; Caroline Kiehle; Ned Bellamy
([AMSTI Case Study](#); [Seattle](#); [How People Learn Research Findings](#); [PD Lessons Learned](#); [Rice Model](#))

Building Support Within Your School District and Community—

Sue Neuen, Phyllis Buchanan, DuPont Corporation
(the [Business of Teaching](#); [Community Involvement Matrix](#); [Stakeholder Analysis](#); [Stakeholders Charts](#))

Effective Materials Support Systems—

Tim MacAller; Wayne Strickland
([Materials Support Handout](#))