

**Space Science Institute's
K-12 Education Workshop for Scientists, Engineers, and EPO Professionals
SAMPLE AGENDA**

Day 1

Time	Event
8:00 a.m.	Registration and Breakfast
8:30 a.m.	Welcome, SSI Overview Paul Dusenbery, Executive Director, Space Science Institute Introductions, Workshop Goals, and Orientation to Agenda and Resources Cheri Morrow, Director of Education and Outreach, Space Science Institute Logistics and Evaluation Christy Edwards, Workshop Coordinator, Space Science Institute
9:00 a.m.	Goals for Science Education Small Group Discussions
9:30 a.m.	The State of Space and Earth Science Education Cheri Morrow Tim Slater, Director, UA Science and Mathematics Education Center, University of Arizona
10:00 a.m.	How People Learn Tim Slater Cheri Morrow
11:00 a.m.	Break
11:15 a.m.	What Does Inquiry-Centered, Hands-On Curriculum Look Like? Cheri Morrow Tim Slater
12:45	Lunch
1:45 p.m.	An Introduction to Inquiry in the National Science Education Standards Jim Short, SCI Center Director, BSCS Cheri Morrow
3:00 p.m.	Break
3:15 p.m.	Further Exploration on Inquiry in the Science Education Standards Jim Short Cheri Morrow
5:15 p.m.	Reflection and Evaluation
5:30 p.m.	Group Photo
6:00 p.m.	Welcoming Reception

Day 2

Time	Event
8:00 a.m.	Breakfast
8:15 a.m.	Reflection and Overview Cheri Morrow
8:30 a.m.	Science Education Reform: The Boulder Valley School District Example Mark Sparr, Principal, Flatirons Elementary School, Boulder Valley School District
8:50 a.m.	Orientation for Field Trip Mark Sparr
9:15 a.m.	Exemplary Instruction in Practice: A Field Trip to a Local Elementary School 9:15 - 9:30 a.m. Travel 9:30 - 10:00 a.m. Materials Center 10:00 - 10:15 a.m. Travel 10:15 - 10:30 a.m. Arrive at Flatirons School and Introduction 10:30 - 11:15 a.m. Classroom Observation 11:15 - 11:35 a.m. Teacher Q & A Session 11:35 - 11:45 a.m. Closing Remarks 11:45 - 12:00 a.m. Travel
Noon	Lunch
1:00 p.m.	Debrief School Visit Cheri Morrow
1:30 p.m.	A simulation of science education reform in a school district: The Change Game Paul Dusenbery SSI Staff
2:45 p.m.	Break
3:00 p.m.	The Change Game (continued)
4:30 p.m.	Reflection and Evaluation
5:00 p.m.	Adjourn for the day
6:00 p.m.	Share-a-thon and Optional Pizza Dinner/Videofest <i>Minds of Our Own, Private Universe, Simpsons</i>

Day 3

Time	Event
8:00 a.m.	Breakfast
8:15 a.m.	Reflection and Overview Cheri Morrow
8:30 a.m.	A Day in the Life of a Middle School Teacher Cheri Morrow Tim Slater
9:00 a.m.	Secondary Science Education from a Teacher's Perspective Facilitator: Amy Wilkerson Roundtable Discussions with Teacher Panel: Adam DiGiacomo, Peak to Peak Charter School, Boulder Valley School District Emily Haynes, Centaurus High School, Boulder Valley School District Francisco Salas, Fiske Planetarium, Boulder High School Sharon Sikora, Colorado State University Dan Snare, Jefferson County Schools Lane Warner, Jefferson County Schools
11:00 a.m.	Break
11:15 a.m.	Middle School Curriculum: Kinesthetic Astronomy Cheri Morrow Mike Zawaski, Astronomy Educator
12:30 p.m.	Lunch
1:30 p.m.	Perspectives on Engaging Scientists in Education and Public Outreach Facilitators: Cheri Morrow, Tim Slater Roundtable Discussions with E/PO Directors Panel: Susan Buhr, Education Director, University of Colorado, CIRES Emily CoBabe-Ammann, Education and Public Outreach Coordinator, Laboratory for Atmospheric and Space Physics (LASP) Stephen Pompea, Astronomer and Manager of Science Education, National Optical Astronomy Observatory (NOAO)
3:00 p.m.	Break
3:15 p.m.	The Nature of Informal Science Education Paul Dusenbery James Harold, Information Systems Manager, Space Science Institute
4:45 p.m.	Reflection and Evaluation
5:00 p.m.	Adjourn for the day

Day 4

Time	Event
8:00 a.m.	Breakfast
8:15 a.m.	Reflection and Overview Cheri Morrow
8:30 a.m.	Diversity Issues in Education: Roundtable Discussion Facilitator: Christy Edwards Eda Davis-Butts, Director for The SMILE Program, Oregon State University Linda Fuller, Mile-Hi Girl Scouts LeMoine LaPointe, AEE/NAALA Coordinator Raj Pandya, SOARS Program Francisco Salas, Fiske Planetarium, Boulder High School
10:00 a.m.	Educational Uses of Technology James Harold Stephen Pompea
11:15 a.m.	Break
11:30 a.m.	Critical Issues in E/PO Planning: Evaluation Tim Slater Cheri Morrow
12:30 p.m.	Reflection and Evaluation of Workshop Facilitator: Cheri Morrow Small Group Discussions
1:00 p.m.	Lunch
	End of Workshop!
