

**Mathematical Sciences Education Board
Agenda**

**The National Academies Keck Center
Washington, DC
Room 101**

Thursday, November 6

6:30-8:30 p.m. **DINNER**
Ortanique Restaurant
730 11th Street, NW
Washington, DC
Phone: (202) 393-0975
*Taxi to restaurant from the hotel.

Friday, November 7

8:00-8:30 a.m. **CONTINENTAL BREAKFAST**
Room 101

8:30-9:00 a.m. **Welcome and Overview of the Meeting** *Joan Leitzel*

9:00-9:30 a.m. **Plans for the Center for Education and** *Martin Orland*
TAB F **Related Activities**

9:30-10:30 a.m. **Update on the Washington Scene with Discussion**
TAB G

↳ Federal Initiatives *Janice Earle, Jim Lewis, and Daniel Berch*

↳ Professional Association Activities
Michael Pearson and Martha Aliaga

10:30-10:45 a.m. **BREAK**

10:45-12:15 p.m. **The Mathematics Teacher: Building Capacity and Professionalization**
TAB H

↳ The Elementary School Mathematics Initiative
(The Milgram Committee and MET II) *Jim Lewis*

↳ The Teacher Shortage: A Case of the Wrong Diagnosis and Wrong
Prescription *Richard Ingersoll*

12:15-1:00 p.m. **LUNCH**
Room 101

1:00-2:15 p.m. **Early Childhood Development in Number, Space, Inquiry, and Motivation Overview** *Carole Lacampagne and Jean Moon*

TAB I

↳ Can the Application of Neuro-Cognitive Insights Improve the Learning of Mathematics in Early Childhood?

Jan de Lange

↳ The Development of Spatial Representation and Reasoning

Nora Newcombe
(Via Video Conference Call)

2:15-2:45 p.m. **Update on the MSEB Projects** *Carole Lacampagne and Vicki Stohl*

TAB J

↳ Assessment in Support of Instruction and Learning: Bridging the Gap Between Large-Scale and Classroom Assessment *Marge Petit*

2:45-3:00 p.m. **BREAK**

3:00-3:30 p.m. **CLOSED SESSION** *Kirsten Sampson Snyder*

↳ Bias and Conflict of Interest Discussion

3:30-5:00 p.m. **Small Group Discussions on Future Projects** *Joan Leitzel*

TAB J

DINNER ON YOUR OWN

Saturday, November 8

8:00-8:30 a.m. **BREAKFAST**
Room 101

8:30-9:00 a.m. **Management and Funding Issues for the MSEB** *Joan Leitzel*

9:00-10:30 a.m. **Attracting and Retaining U.S. Students in Mathematically Intensive Fields – Enrichment and Intervention Programs: Characteristics of a “Good” Program and Evidence of Success**

TAB K

↳ The Park City Program

Gail Burrill
(Via Audio Conference Call)

↳ The Arnold Ross Program

Daniel Shapiro

↳ The Strengthening Underrepresented Minority Mathematics Achievement (SUMMA) Program

William Hawkins

10:30-10:45 a.m. **BREAK**

10:45-11:45 a.m. **Reports from Discussion Groups**

11:45-12:00 noon **Wrap Up**

Joan Leitzel

12:00 p.m. **LUNCH AND ADJOURN**
Room 101