


UNIVERSITY OF OREGON
College of Education

**RTI Math for Elementary Schools**  
*Day 1: Core Math Curriculum & Standards Alignment*  
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### Agenda

- RTI Background and Framework
- Mathematics Assessment
  - Screening measures
- Core Curriculum
  - NMAP recommendations
  - Focal point alignment

### National Mathematics Advisory Panel Report – March 2008

- Appointed by President Bush in 2007
- Goals
  - Improve math performance and prepare students to be successful in high school algebra
  - Identify current knowledge base in mathematics research and identify effective evidence-based practices in mathematics instruction

### National Mathematics Advisory Panel Report – March 2008

- Organization / Topics:
  - Curricular Content
  - Instructional Materials
  - Learning Processes
  - Instructional Practices
  - Teachers and Teacher Education
  - Assessment of Mathematics Learning

### Evidence and Testimony

- 16,000 research publications reviewed
- 110 public testimonials from parents, teachers, school administrators, school board members, educational researchers, textbook publishers, others
- 160 organizations and individuals provided written commentary
- Survey of 743 Algebra I teachers

### National Math Advisory Panel Recommendations

- Curricular Content
  - Streamline the K-8 math curriculum (too many topics)
  - Provide a coherent progression of mathematics learning across grade levels rather than repetitive, spiraled curriculum
  - Identify key topics and provide focused and in depth instruction with emphasis on mastery