Understanding and Applying the Standards for Mathematical Practice

Target Audience: K-8 Teachers, Special Education, Title I, Administrators

Intended Outcomes:
- Increased knowledge, skill, and language surrounding the Standards for Mathematical Practice
- Implementing the Standards for Mathematical Practice into lesson plans
- Consistency in mathematical vocabulary

Data Analysis/Pre-Assessment:
- Teacher pre-assessment to gain knowledge about their understanding of the Standards for Mathematical Practice.

Content/Modules:
- Standards for Mathematical Practice - Overview and Standards 1 and 6
  - Overview of the eight standards
  - Explore the language of Standards 1 and 6
  - Examine the goals for Standards 1 and 6
  - Experience methods to focus on putting Standards 1 and 6 into action in the classroom
- Standards for Mathematical Practice – Standards 2 and 3
  - Explore the language of Standards 2 and 3
  - Examine the goals for Standards 2 and 3
  - Experience methods to focus on putting Standards 2 and 3 into action in the classroom
- Standards for Mathematical Practice – Standards 4 and 5
  - Explore the language of Standards 4 and 5
  - Examine the goals for Standards 4 and 5
  - Experience methods to focus on putting Standards 4 and 5 into action in the classroom
- Standards for Mathematical Practice – Practices 7 and 8
  - Explore the language of Standards 7 and 8
  - Examine the goals for Standards 7 and 8
  - Experience methods to focus on putting Standards 7 and 8 into action in the classroom

Possible Resources: Putting the Practices into Action: Implementing the Common Core Standards for Mathematical Practice (O'Connell, SanGiovanni), Common Core Sense: Tapping the Power of the Mathematical Practices (Maynihan)

Data Analysis/Post-Assessment:
- Teacher post assessment to assess their current understanding of the Standards for Mathematical Practice.
- Teachers write lesson plans that include and identify mathematical practices.

Learning Design:
- Onsite professional development training experiences
- Onsite coaching and facilitation support
- Coaching support for teachers and leaders
*Learning design is customized to building-level needs

Fee: Based on the Individual District’s Plan

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