Module 3 Overview: Mathematical Practices
This module provides an overview of the Standards for Mathematical Practices from the Common Core State Standards. Participants will identify the characteristics of a student and classroom that exemplify mathematical practices.

PowerPoint Presentation/Script
• Slide show to guide the presentation
• Script with explanation and narrative

Handouts/Activities
• Welcome (slide1) through Dan Meyer (slide 5)
  If you include scale drawing activity; add 10 minutes
  Watch and discuss the Dan Meyer video
  Video: http://www.youtube.com/watch?v=SjsfHTuZ14
• Expected outcomes (slide 6-7)
• Standards for Mathematical Practices (slide 8) through Grouping Standards (slide 12)
  Handout: MOD 3 Mathematical Practice Grouping Chart
• List of Standards (slide13)
• Math rigor (slide14) and Button Task (slide15)
  Handout: MOD 3 Button Task
• Inside mathematics (slide 17) through learner A (slide18) through learner B (slide19)
• Buttons Task revisited (slide 20)
  Handout: MOD 3 Button Task packet for review
• Video of elementary or secondary audience (slide 21-22)
• Traditional US problem (slide 23)
• Reflection questions (slide 25)
  Handout: MOD 3 Handout MP Overview Reflections

Materials
• Table tents for names
• Chart paper/markers
• Index cards
Technology Needs

- Laptop capable of delivering PowerPoint
- Projector/screen
- Access to the Internet

Room Organization

- The participants should be organized in small groups of 4 to 8 with the flexibility to be able to work in pairs or share with the group as a whole.