

Module 2 Overview: Rigor in Learning and Assessment of Learning

In this module, participants will take a close look at rigor within the PA Common Core Mathematics Standards. In addition to investigating what is rigor and how is it represented in mathematical assessments and learning, participants will explore what engagement looks like for students in mathematics and how it is captured in assessment.

PowerPoint Presentation/Script

- Slide show to guide presentation
- Script with explanation and narrative

Activities/Handouts

- Activity #1: Rethinking Assessment (Slide 5)
Myths about Rigor: <http://tinyurl.com/4RigorMyths> (Slide 5)
Hess' Cognitive Rigor Matrix & Curricular Examples for Math and Science: www.nciea.org/publications/CRM_math-sci_KH11.pdf (Slide 22)
- Activity #2: Depth of Knowledge Math Sorting (Slide 23)
Handout: MOD 2 Activity 2 Handout
- Activity #3: Assessment Analysis-Rigor (Slide 24)
Participants will be using their own assessments
- Activity #4: Assessment Analysis-Engagement (Slide 28)
Mathematical Practices (www.pdesas.org/Standard/CommonCore)
- Activity #5: Assessment Analysis of Relevance (Slide 32)
Participant's assessment examples
- Activity #6: Assessment Teams - Successes and Challenges (Slide 37)

Materials

- Table tents for names
- Chart paper/markers
- Index cards

Technology Needs

- Laptop capable of delivering PowerPoint
- Projector
- Access to Internet if using software application to gather group responses

Room Organization

- Each participant will bring copies of sample assessments
- 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.