

**Louisiana Department of Education
Mathematics Educator Professional Development System
Math Content Leader Modules – Arc of Learning**

Content Leader Module 1 – Overview and Orientation

Participants will develop a common understanding of the purpose for the mathematics educator professional development work and their role as Leaders in the system. **CK, CP, CS, FT**

Participants will...

- Review the project overview, intended outcomes for content modules, and learning expectations for content Leader modules. **CK, CP, CS, FT**
- Explore the principles of adult learning and standards for professional learning. **FT**
- Investigate the characteristics of effective facilitators, and study and apply facilitation moves that support collaborative learning. **FT**

Content Leader Modules 2-4 and 6-8 – Augmented Content Modules 1-3 and 4-6

Participants will develop an understanding of the key content objectives and facilitation strategies for successful delivery of Mathematics Content Modules 1-6. **CK, CP, CS, FT**

Participants will...

- Experience key excerpts from focus content modules, including model lessons and planning using EngageNY and other Tier 1 resources. **CK, CP, CS**
- Identify and analyze critical learning points in the focus content module. **FT**
- Analyze use of the Standards for Professional Learning and Principles for Adult Learning to understand the design aspects of the content modules. **FT**
- Practice delivering portions of the content modules in small collaborative groups in order to give and receive feedback to improve facilitation. **FT**

Content Leader Module 5 – Building Coherence and Capacity for Content Modules 1-3

Participants will reflect on and extend learning to date around facilitation, adult learning practices, and content in order to build coherence and capacity for Mathematics Content Modules 1-3. **CK, CP, CS, FT**

Participants will...

- Review trajectory of Big Ideas from content modules to see coherence in the sequence of learning experiences for teachers. **CK, CP, CS, FT**
- Anticipate potential challenges in facilitation and plan interventions. **FT**
- Assess level of preparedness and determine action steps for successful delivery of the content modules. **FT**

Content Leader Module 9 – Building Coherence and Capacity for Modules 4-6

Participants will reflect on and extend learning to date around facilitation, adult learning practices, and content in order to build coherence and capacity for Mathematics Content Modules 4-6. **CK, CP, CS, FT**

Participants will...

- Review trajectory of Big Ideas from content modules to see coherence in the sequence of learning experiences for teachers. **CK, CP, CS, FT**
- Anticipate potential challenges in facilitation and plan interventions. **FT**
- Assess level of preparedness and determine action steps for successful delivery of the content modules. **FT**