

To assist teachers, schools and systems with implementation of best practices in mathematics, the Department has released self-paced professional learning modules. These resources are designed to fit flexibly in a variety of professional learning formats. Modules may be accessed individually for an “at your own pace” style of PD. Content Leaders or other math leaders may also choose to utilize materials to drive professional learning and facilitate collaborative conversations.

Foundations in Math Teaching

Module	Description	Additional Resources
The Shifts in the Standards	The Louisiana Student Standards for Mathematics lay the foundation that allows students to become mathematically proficient by through the three shifts which are focus, coherence and rigor.	<ul style="list-style-type: none"> • Focus Documents • Rigor Documents • Acceleration Guidance
Rigor in Mathematics	The standards require math instruction to include a balance of the three components of rigor. The components are conceptual understanding, procedural skill and fluency, and application.	<ul style="list-style-type: none"> • Rigor Documents

Acceleration in the Classroom

Module	Description	Additional Resources
<u>Classroom Strategies to Scaffold Math Learning</u>	Participants will deepen their understanding of the role scaffolding plays in acceleration to address unfinished learning during core math instruction. Participants will explore four common scaffolding strategies that support math acceleration.	<ul style="list-style-type: none"> • <u>Classroom Strategies to Scaffold Math Learning slides</u> • <u>session transcript</u> • <u>templates</u>
<u>Formative Assessment Processes for Acceleration in Math</u>	Participants will explore tools that promote reflective practice by providing clear and actionable descriptions of mathematics teaching and learning aligned with engaging in the formative assessment process to support implementation of acceleration in the math classroom.	<ul style="list-style-type: none"> • <u>Formative Assessment Processes for Acceleration in Math slides</u> • <u>session transcript</u> • <u>Innovation Configuration Map</u>
<u>Critical Mindsets for Math Educators</u>	When it comes to accelerating learning, mindset matters. Participants will explore the implications of fixed versus malleable conceptions of math intelligence and determine related critical shifts in practice for shaping student learning and academic success.	<ul style="list-style-type: none"> • <u>Critical Mindsets for Math Educators slides</u> • <u>session transcript</u> • <u>Jamboard link</u> • <u>The Human Body, (BBC)</u> • <u>Accelerate Learning by Focusing on Assets and Opportunities, Not Deficits (AVID)</u>
<u>Planning to Address Unfinished Math Learning, Part 1</u>	Planning is key. This session will allow participants to explore how the Math Planning Guide supports teachers in engaging in collaborative conversations around planning to accelerate students towards on-grade level content in the mathematics classroom. Educators will identify practical next steps that will lead to sustainable change in practice and impact student achievement.	<ul style="list-style-type: none"> • <u>Planning to Address Unfinished Math Learning, Part 1 slides</u> • <u>session transcript</u> • <u>Math Planning Guide</u> • <u>Teacher Companion Document 2.0 excerpt</u> • <u>Grade 5 Acceleration Guidance excerpt</u> • <u>Eureka Math Grade 5 Module 3 Lesson 9</u>

Module	Description	Additional Resources
Planning to Address Unfinished Math Learning, Part 2	This session allows participants to explore how the Math Planning Guide can support teachers in engaging in student work analysis to accelerate students towards on-grade level content in the mathematics classroom.	<ul style="list-style-type: none"> • Planning to Address Unfinished Math Learning, Part 2 slides • session transcript • student work samples

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