LDOE Secondary Math Content
Module Organization

	Session Titles	Module 2	Module 3	Module 4	Module 5	Module 6
Session	**Deepening Mathematical Content Knowledge** for effective instruction	Multiplicative thinking with ratios and rates	Extending proportional reasoning to functions	Extending operations with rational numbers	Recognizing and generating equivalent expressions	Equations as tools to solve problems
Session	**Exploring Coherence** in the LSSM	Vertical study of the standards related to ratios and rates	Vertical study of the standards related to proportional reasoning and functions	Vertical study of the standards related to operations with rational numbers	Vertical study of the standards related to expressions and equations	Vertical study of the standards related to reasoning with equations
Session	**Key Shifts in Action** through an EngageNY lesson	Identifying proportional and non-proportional relationships		Dividing fractions by fractions	Writing expressions in equivalent form to solve problems	Solving problems using numerical and algebraic expressions and equations
Session	**Instructional Strategies** to improve curriculum implementation	Model with mathematics	Discourse: Anticipating	Discourse: Monitoring	Discourse: Selecting and sequencing student work	Discourse: Connecting student work
Session	**Purposeful Planning** of the EngageNY curriculum		Alignment and intentionality of the standards and bridging it to the Tier 1 curriculum	Alignment and intentionality of the standards and bridging it to the Tier 1 curriculum	Alignment and intentionality of the standards and bridging it to the Tier 1 curriculum	Alignment and intentionality of the standards and bridging it to the Tier 1 curriculum
Session	The role of a **Productive Classroom Culture** in the EngageNY curriculum	Effective effort				Putting it into action