

Office of Teaching and Learning

Numeracy Professional Learning

The Louisiana Department of Education is developing a full suite of Numeracy Professional Learning courses for K-12 math teachers. This includes the training required by [Act 260 \(2023\)](#).

Timeline

Act 260 requires all grade 4-8 mathematics teachers to complete an approved professional learning course that focuses on numeracy skills instruction by August 1, 2025. The course must include the following topics:

- vertical alignment of mathematical concepts
- blending of concepts
- strategies
- problem-solving
- dispositions

The Act 260 course and the optional courses for grades K-3 and high school math teachers will be released according to the following timeline.



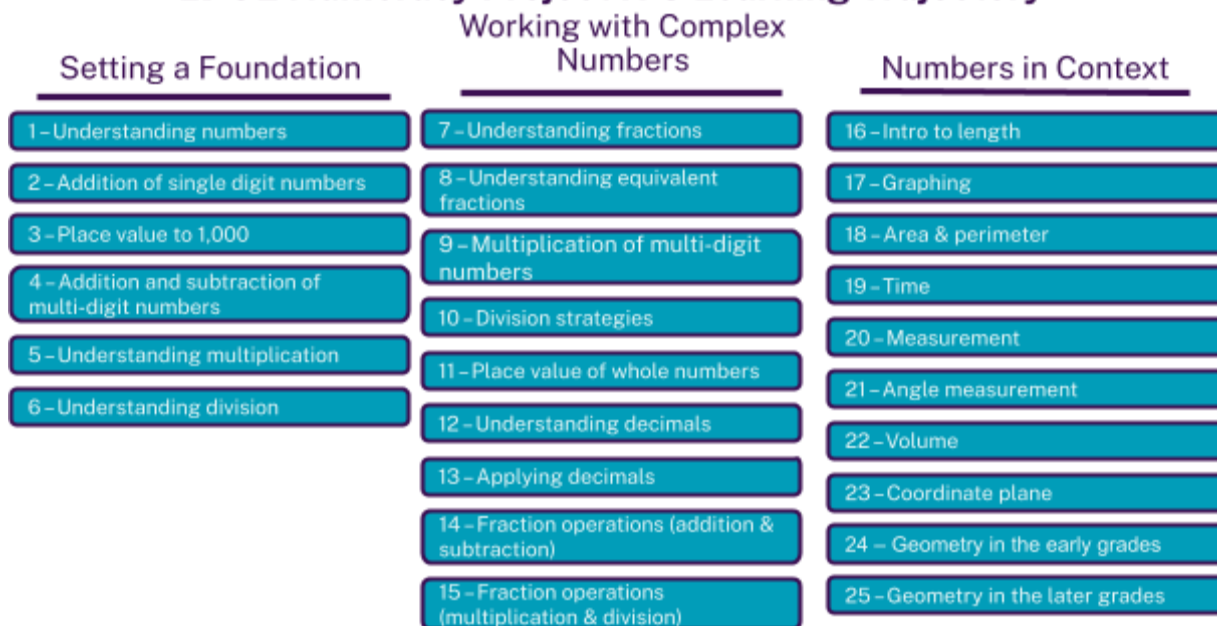
Scheduling Guidance

System leaders must plan structures and time with 2024-2025 school calendars for teachers to complete the required 50 hours of training.

Course Content and Design

All courses, both required and optional, will follow a similar design, structure, and length. Each course consists of 25 modules. Each module is planned for approximately two hours of time. Modules include learning experiences and application tasks to support teachers in building the breadth of understanding of the math students experience as they progress through the grades, including the strategies and models students engage with at each level. Required and optional courses intentionally overlap so that teachers can access the training appropriate to currently assigned roles, but also so that as teaching assignments change, teachers will have experienced some of the required training.

LDOE Numeracy Project K-3 Learning Trajectory



LDOE Numeracy Professional Learning 4-8



LDOE High School Learning Trajectory

Algebra 1 Concepts

- 1 - Structure in Expressions
- 2 - Linear Equations and Inequalities
- 3 - Systems of Linear Equations and Inequalities
- 4 - A Formal Understanding of a Function
- 5 - Exponential Functions (Part 1)
- 6 - Quadratic Functions and Equations

Probability & Statistics Algebra 1 & Geometry

- 7 - One-Variable Statistics
- 8 - Bivariate Statistics
- 9 - Conditional Probability

Geometry Concepts

- 10 - Congruence (Rigid Motions)
- 11 - Similarity
- 12 - Right Triangle Trigonometry
- 13 - Measurement and Solid Geometry
- 14 - Circles
- 15 - Complex Numbers

Algebra 2 Concepts

- 16 - Exponential Functions (Part 2)
- 17 - Rational Expressions
- 18 - Logarithms
- 19 - Trigonometry Functions
- 20 - Transformations (All Functions)

Statistics From Algebra 2

- 21 - Interpreting Categorical and Quantitative Data
- 22 - Inferences From Statistics

* 23–25 will be overlapping units from middle school

Preparing to Access the Courses

The [Canopy Professional Learning Platform](#) will be released for all school system employees at no cost to the school system.

This user-friendly, statewide platform will house all 2024 Teacher Leader Summit materials, Act 260 Numeracy Trainings, and LEADS Evaluation Assessments in addition to a variety of other professional learning opportunities.

Superintendents should opt-in through EdLink Security to grant all classroom teachers a role in Canopy. Once this step is completed, PK-12 Public School Teachers and Staff should follow the steps below to [create an EdLink Security account](#).

- Step 1: [Create MyLa Credentials](#)
- Step 2: [Create EdLink User Profile](#)

Act 260 System Contacts will be provided with course codes specific to their systems for accurate enrollment and reporting purposes.

Please reach out to STEM@la.gov with any questions.