

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.



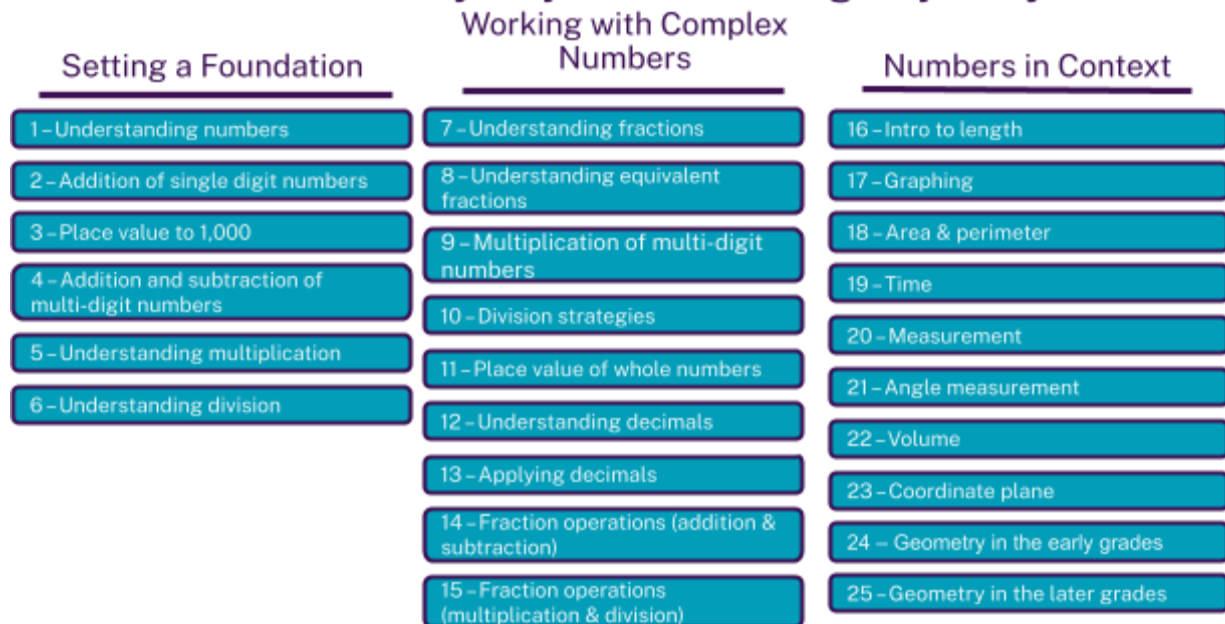
Scheduling Guidance

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

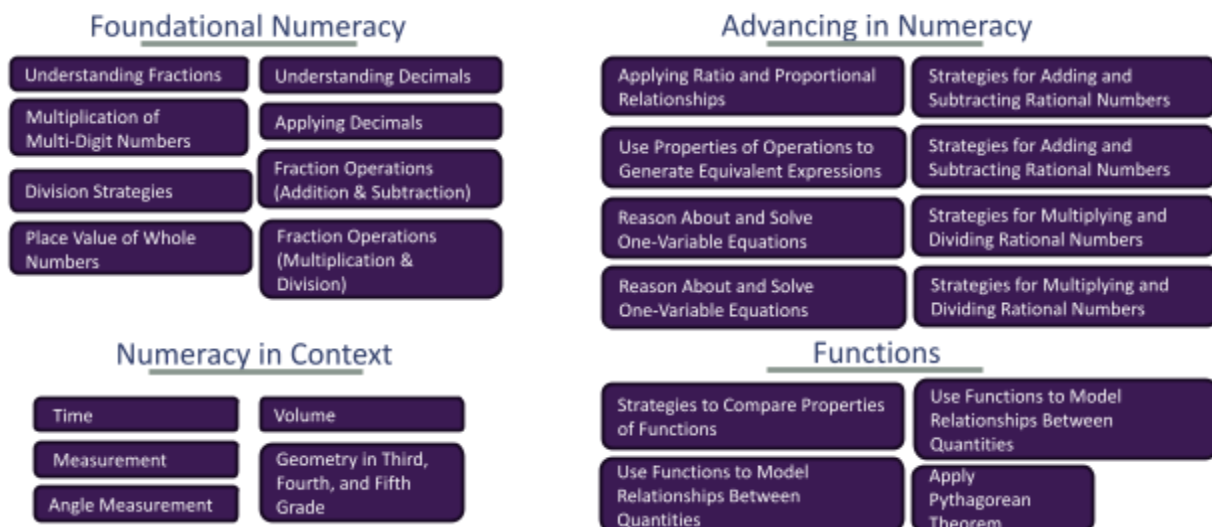
Course Content and Design

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 LDOE will be releasing a [Professional Learning Platform](#), Canopy, this spring for all school system employees at no cost to the school system. This user-friendly, statewide platform will house all professional learning and the [Professional Learning Partner Guide](#) in this one platform; professional learning modules and webinars will no longer be accessible through the LDOE website. System and school-level leaders will also be able to create professional learning modules in the platform.

The [Professional Learning Platform Overview](#) includes additional information on

- creating EdLink credentials;
- requesting Canopy permissions;
- participating in Canopy Informational Webinars; and
- completing online training in the Professional Learning Platform.