

# $\pi$ Mathematics

Elementary Math courses inspire students to become critical thinkers and problem solvers. Through on-screen and off-screen activities, learners discover how math can be used to understand and describe their world. A combination of student exploration and explicit teaching lays the groundwork for both skill development and a strong conceptual understanding. Courses feature engaging auditory and visual media, including songs, rhymes, and videos, to teach and review foundational math skills. Digital and concrete manipulatives support mathematical proficiency at all grade levels, while project-based activities strengthen learner's algebraic skills and provide real-world context for learning.



## Kindergarten-Grade 2

The focus of the grades Kindergarten-2 math courses is to build a strong number sense, addition and subtraction, place value, measurement, and shapes. Manipulatives and models are used to move students from concrete to representational to abstract understanding of mathematical concepts. Students learn how data is represented in graphs, including bar graphs and pictographs in Grade 1, while real-world problems involving time and money are introduced in Grade 2.

## Grades 3-5

The focus of the Grades 3-5 math courses is multiplication and division, fractions, decimal numbers, shapes, perimeter/area, and volume. Students learn how to represent and interpret data pulled from real-world examples. A foundation for conceptual understanding is built through the use of models and recognition of connections among mathematical processes. Also included in the upper elementary courses are units of measure, the coordinate plane, line plots, angles, and the recognition and analysis of patterns.

### Course Codes

Kindergarten:	5012020
Grade 1:	5012030
Grade 2:	5012040
Grade 3:	5012050
Grade 4:	5012060
Grade 5:	5012070

### Course Highlights

- Engaging Custom-made Videos, Images, Animations, and Songs
- Fun and Interactive Games, Animations, and Slideshows to Encourage Repeated Practice
- Real-world, Age-appropriate Examples to Make Content and Skills Relevant to Learners
- Interactive Practice Problems with Detailed, Growth-mindset Feedback
- On-screen and Off-screen Activities to Provide Opportunities to Practice and Apply Learning
- Hands-on Activities, Including Coloring, Cutting, Folding, Matching, Drawing, and Word Problems

### Course Assessment Tools

- Teacher-graded Printable Assessments
- Audio Submissions
- Project-based Assessments
- Self-check Practice Problems
- Discussion-based Assessments
- Module Reflections
- Auto-graded and Partially Auto-graded Assessments

**FREE** to Florida students

For the most up-to-date information, including FLDOE standards, please visit [flvs.net/courses](https://flvs.net/courses).

