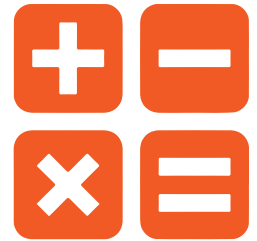


iLearn Schools Mathematics Program



In-house curriculum

iLearn Schools Mathematics Curriculum develops important mathematics along coherent learning progressions and develops connections among areas of mathematical study and between mathematics and the real world. Local standards, extracted from CCSSM and written in student-friendly language, provide the right and focused mathematics content most essential for student learning at each grade level. In iLearn Mathematics Program, teachers are given an interactive pacing guide that helps them with their planning. However, the curriculum is a living document. With input from teachers, the instructional materials are revised and enriched continuously.



Common Core Standard	
6.NS.1: Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions, e.g., by using visual fraction models and equations to represent the problem. For example, create a story context for $(2/3) \div (3/4)$ and use a visual fraction model to show the quotient; use the relationship between multiplication and division to explain that $(2/3) \div (3/4) = 8/9$ because $3/4$ of $8/9$ is $2/3$. (In general, $(a/b) \div (c/d) = ad/bc$.) How much chocolate will each person get if 3 people share $1/2$ lb of chocolate equally? How many $3/4$ -cup servings are in $2/3$ of a cup of yogurt? How wide is a rectangular strip of land with length $3/4$ mi and area $1/2$ square mile?	
Local Standard #1	
Create a story context for dividing fractions by fractions.	
Local Standard #2	
Use visual fraction models and equations to solve word problems involving division of fractions.	
Local Standard #3	
Interpret the results when dividing fractions by fractions.	

Professional Learning Communities (PLC)

Mathematics teachers at iLearn Schools, attend weekly, course-based Professional Learning Communities (PLC) to collaboratively improve their practice. In iLearn Mathematics Program, educators hold themselves and their colleagues accountable for the mathematical success of every student and for their personal and collective professional growth toward effective teaching and learning of mathematics.

Standards-based Grading

iLearn Schools Mathematics Program ensures that assessment is an integral part of instruction, provides evidence of proficiency with important mathematics content and practices, includes a variety of strategies and data sources, and informs feedback to students, instructional decisions, and program improvement. Within this program, instructional decisions are not driven, but informed by data. Also, teachers plan each assessment to provide direct evidence of student proficiency on specific learning outcomes/goals and then record this evidence by goal, dedicating columns or blocks of space in their gradebook to each learning goal.

Periods	Standard	Local Standard	Student Friendly Language	Resources	
1	6.NS.1	S1	Create a story context for dividing fractions by fractions.	Textbook	Lesson 7-3
				Links	Baking Cookies
				Other	engageNY M2 L5 Georgia Unit 1 SE
				Assessment	Skill Check 1



Summer Professional Development

During the two-week summer institute, mathematics teachers at iLearn Schools examine the teaching and learning of mathematics through problem solving in a diverse setting. A wide variety of problems relating to algebraic thinking, proportional reasoning, and spatial sense are investigated. Teachers work on ways to analyze the mathematics curriculum looking at different content domains as they evolve from upper elementary through middle grades and high school. This is a great opportunity to get ready for the school year.

Out of School Professional Development

Selected mathematics teachers at iLearn Schools get to attend conferences at the local, state, and national levels.



Coaching

Mathematics teachers in iLearn Schools work with a math coach weekly and get the content-specific support they need to improve their practice.

Loan Forgiveness

All iLearn Schools are eligible for the Federal Loan Forgiveness Program. Teachers who commit to work with iLearn Schools as outlined in the official guidelines (see HR desk), will be eligible for up to 30% loan forgiveness.

Tuition Reimbursement

Full-time teachers at iLearn Schools are eligible for tuition reimbursement of graduate courses they take. Upon completion of their first year teaching, teachers get up to \$3,000 per year support. This is a great opportunity to earn higher degrees while employed at iLearn Schools.

Technology

Mathematics teachers at iLearn Schools have access to a variety of instructional technology.

