Imagine Math Logic Model

The Imagine Math pedagogy is derived from contemporary cognitive science and includes principles of active problem solving, explicit instruction, gradual release, elaboration theory, categorization by prototype, mastery learning, zone of proximal development, assessment and differentiation, and worked examples. This logic model displays the interrelationship between the program features, implementation activities, and desired outcomes.

INPUTS Imagine Math Resources to be Utilized	ACTIVITIES Ensure Successful Implementation	OUTPUTS Evidence of Implementation and Participation	STUDENT OUTCOMES Evidence of Positive Change

• **Imagine Learning individual or site licenses**
· Research-based, standards-aligned curriculum
· Rigorous, adaptive instruction with personalized learning pathways
· Meaningful practice on target standard(s)
· Multi-level instructional support
  · Automated and customized corrective feedback
  · Live support from certified math teachers in English and Spanish
  · Two-way virtual whiteboard environment
· Built in motivation and contests
· Diagnostic benchmark assessment for placement and progress monitoring; benchmark tests
· Actionable reports to drive instruction for whole class or individual students
 	
• **Imagine Learning training and support**
 	
• **Equipment necessary for using Imagine Learning (devices and headphones)**
 	
• **School and district infrastructure to support technology use**
 	
• **Teacher buy-in/readiness to adopt technology**
 	
• **School implementation plan**
	• **Imagine Learning Tech Support providers work with district/school technology staff**
	• **Imagine Learning Customer Implementation Specialists work with district/school to complete installation and rostering**
	• **Imagine Learning Customer Success Managers train teachers (virtually and on-site)**
	· Imagine University
	• **School and classroom schedules are created for using Imagine Math**
	• **Teachers implement blended learning model(s): whole-class instruction, computer lab, in-class rotations, or intervention**
	· Students use Imagine Math
	· Teachers monitor student performance and utilize associated off-line resources such as Performance Tasks
	• **Implementation is managed and monitored at district/school level**
	• **Imagine Learning provides ongoing support (Tech Support, Teacher Care, Customer Service)**
		• **Overall Implementation Metrics**
		· Number of districts
		· Number of schools
		· Number of students
		· Number of teachers
		• **Overall Progress Metrics**
		· Number of lessons completed
		· Number of problems completed
		· Number of coach help sessions
		· Number of live help sessions
		• **Student Usage**
		· Number of total students using or enrolled in Imagine Math
		· Number of active students using Imagine Math at school and/or at home
		· Average student usage
		· Percent of goal
		• **Student Progress—lessons**
		· Average weekly math time
		· Number of lessons completed
		· Number of lessons passed
		• **Student Progress—assessments**
		· Number of assessments completed
		· Quantile measure
		· Student performance levels
		· Percentile rank
		· Instructional grade level
			• **Students increase in math proficiency as demonstrated via**
			· Imagine Math lesson progress
			· Imagine Math assessments
			· Nationally-normed or state-required assessment
			
			• **Students increase academic achievement in other subject areas, as demonstrated in local/classroom assessments and/or portfolios**
			
			• **Students' self-confidence for math increases as indicated in student survey**
			
			TEACHER OUTCOMES
			Evidence of Positive Change
			
			• **Teachers are satisfied with program as indicated in teacher survey**