

PROBLEM STATEMENT:

Children enter formal schooling with different levels of mathematical skills and understanding but few to no tools provide them with engaging learning experiences of Pre-K–2 math concepts, continually assess and adapt to their specific learning needs, and provide their teachers and parents with appropriate data about their learning progress. **My Math Academy** (MMA) is a tool that aims to address this problem. Below is its program logic model illustrating a road-map to address the problem.

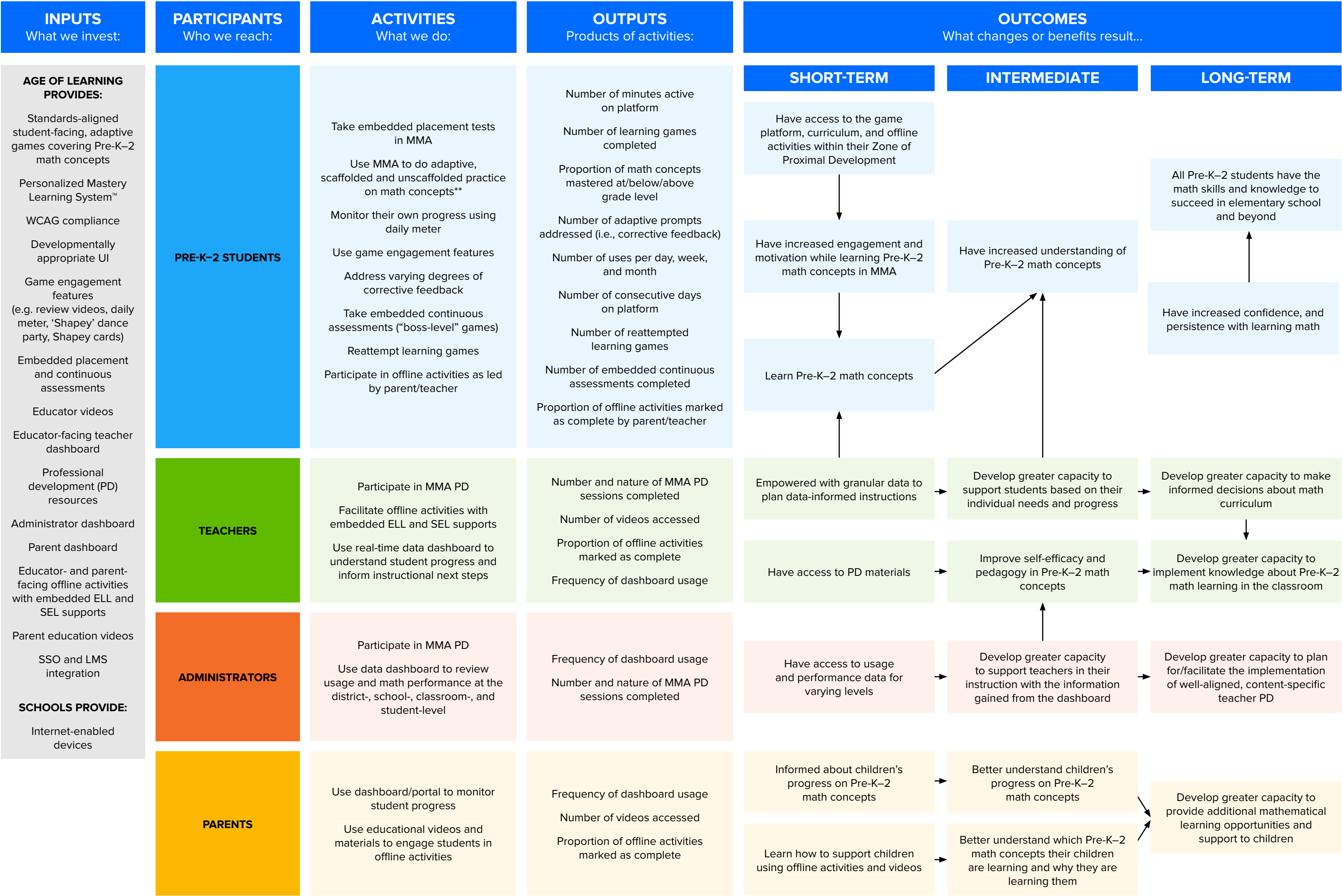


FIGURE 1. My Math Academy Logic Model

* Shapey—game characters and manipulatives in My Math Academy
** Recommended dosage: Prior studies indicate that children who spend at least 45 min a week, for about 12–14 weeks, have consistent, significant gains compared to those that use it for a shorter time or less frequently.