Recommended For
Schools and districts looking to support teachers working with kids ages 3-6.

Package Description
A growing body of research shows that early math ability is a predictor of later academic success in all areas. So how do we develop our youngest mathematicians? This package explores foundational math concepts for kids ages 3-6. Participants will learn how teachers can tap into young learners’ natural curiosities and the power of play to develop mathematical thinking by:

▶ exploring a research-based learning trajectory that shows how skills and understandings develop over time;
▶ experiencing lessons and activities that explore foundational math ideas and build understanding;
▶ discovering ways to use literature to spark mathematical thinking;
▶ practicing routines to integrate mathematical thinking throughout the school day.

Package Details
Duration
4 full days

Who Should Attend
Teachers

Grade Levels
PK-2

Pricing
Starting at $12,000

Scheduling
Ready to schedule your professional development? Contact Math Institute Project Manager Alyssa Holly.
Alyssa Holly
alyssa.holly@mathinstitutewi.org
262-953-9364

Agenda

Day 1 (full day)
▶ What is Early Number Sense?
▶ Exploring the Counting Learning Trajectory
▶ Making Counting Meaningful
▶ Four Number Relationships to Build Number Sense

Day 2 (full day)
▶ What is Spatial Reasoning?
▶ Shapes & Their Attributes
▶ Exploring a Shapes Learning Trajectory
▶ Playing with Geometric Thinking

Day 3 (full day)
▶ Connecting Counting to Adding & Subtracting
▶ Exploring the Adding & Subtracting Learning Trajectory
▶ Using Story Problems to Support Understanding
▶ Playing with Adding & Subtracting

Day 4 (full day)
▶ What Can We Measure? Why Do We Measure?
▶ The Measurement Process
▶ Exploring a Measurement Learning Trajectory
▶ Playing with Measurement