

LEARNING & TEACHING WITH LEARNING TRAJECTORIES

EARLY MATH: BIRTH TO AGE 8

WWW.LEARNINGTRAJECTORIES.ORG

A WEB-BASED TOOL FOR EARLY EDUCATORS

LEARN ABOUT HOW YOUNG CHILDREN THINK | MATHEMATICS "THEIR WAY"

See examples of how children think and learn about mathematics and get research-based ideas on teaching mathematics to young children.

SEE THE LEARNING TRAJECTORIES | VIEW CLIPS OF REAL EXAMPLES

Clips of classroom instruction and children working on math problems reveal different levels of mathematical thinking.

RESEARCH-BASED | BUILT BY THE CREATORS OF BUILDING BLOCKS

Drs. Doug Clements & Julie Sarama designed the math curriculum Building Blocks & its professional learning tool Building Blocks Learning Trajectories. Large-scale studies provided evidence of the effectiveness of these tools, validated in the "What Works Clearinghouse" and praised on the cover of the New York Times.



OVER 17,000 REGISTERED USERS

650 users in February of 2020 alone
from 20 different countries
& 117 different states and provinces

[LTLT]

LEARNING TRAJECTORIES

Covering birth through age 8, includes the areas of Number, Operations and Algebraic Thinking, Geometry, Measurement and Data. Illustrative videos of children; Activities for small groups, whole class, and individual learners.

ASSESSMENT & STANDARDS ALIGNMENT

- Teaching Strategies GOLD (TSG)
- Common Core State Standards (CCSSM)
- New York PreK (NYPK)
- California PreK (CAPK)
- Head Start:
Early Learning Outcomes Framework (ELOF)
- Individual State Standards

ADDITIONAL RESOURCES

- Support Dual Language Learners (Spanish)
- Differentiate Instruction
- View Professional Development Guides
- Tips for Read Alouds in Math
- Information for Families
- Computer Games for Young Mathematicians

Role

- Administrator
- Parent
- Professional Development
- Researcher
- Student Teacher
- Teacher
- Teacher Assistant