What is Learning and Teaching with Learning Trajectories—[LT]²?

- [LT]² is a web-based tool for early childhood educators to learn about how children think and learn about mathematics and how to teach mathematics to young children “their way” (birth to age 8).
- [LT]² allows teachers, caregivers, and parents to see the learning trajectories for math, as they view short video clips of classroom instruction and children working on math problems in a way that clearly reveals their thinking.


[LT]² runs on all technological platforms, addresses new ages—birth to age 8 years—and includes alignments with standards and assessments, as well as software for children. [LT]² enables teachers to help children find the mathematics in—and develop the mathematics from—their everyday activities, including art, stories, puzzles, and games. Go to [LearningTrajectories.org](https://LearningTrajectories.org).

If you would like a guidebook or have any questions, contact Douglas H. Clements, [Douglas.Clements@du.edu](mailto:Douglas.Clements@du.edu), Julie Sarama, [Julie.Sarama@du.edu](mailto:Julie.Sarama@du.edu), or Shannon Stark Guss [Shannon.StarkGuss@du.edu](mailto:Shannon.StarkGuss@du.edu), or call (303) 871-3895.

*Please write us* if you wish to contribute videos to [LT]²!
What is a Learning Trajectory?

A developmental path along which children develop to reach that goal

A set of instructional activities, or tasks, matched to each of the levels of thinking in that path that help children develop higher levels of thinking

[LT]² Registered Users

Over 14.5K Total (2/19)
From all U.S. states and over 40 countries (6/18)

What does Learning and Teaching with Learning Trajectories [LT]² offer?

Learning Trajectories
19 total
covering birth through age 8
in 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
web-based games

Assessment and Standards Alignments
- Teaching Strategies Gold (TSG)
- Common Core State Standards (CCSSM)
- New York Pre-K (NYPK)
- California Pre-K (CAPK)
- Head Start Early Learning Outcomes Framework (ELOF)
- Individual State Standards

Additional Resources
- Track student progress
- Support English Learners
- Differentiate instruction
- View Professional Development guides and much more!

For more information visit www.LearningTrajectories.org or contact us at MCE.LT2@du.edu