



# Enhancing Early Mathematics Project

## A Statewide Professional Development Initiative

**Kids Play Math**, in partnership with the Colorado Department of Education, is offering an initiative, *Enhancing Early Mathematics*, for Colorado early childhood educators. The initiative provides professional development in early mathematics learning and teaching, and will be offered in 6 locations around the state. It is intended for preschool and kindergarten teachers and their coaches and/or administrative supervisors. It consists of a one-day workshop followed by four webinars.

## An Integrated, Hybrid Project

The purpose of the project is to initiate and sustain improvements in the teaching of mathematics in the earliest years. To accomplish this, we know that a simple one-day workshop for teachers would be ineffective. Instead, we have built several components into the project which will support sustained change and improvement:

1. The one-day workshop is designed to be completed by both teachers and their supporting administrators (coaches, coordinators, principals), so that these personnel will be able to interact with teachers as they plan changes and to follow-up with them regularly afterwards.
2. We include four webinars where participants can ask questions and share ideas about what they have done since the workshop, to support the continuation and extension of their implementation.
3. We have asynchronous online support, so that teachers have access to important resources related to the content of the workshop while they are practicing implementation.
4. The workshop itself is designed not as an extensive review of research, but rather as an opportunity for teachers to learn about the most important principles of early math learning along with many practical ways in which these can be integrated into instruction. All of our implementation suggestions are job-embedded and practical—they are carried out within the context of teachers' regular instruction.

The content of the workshop is based on Colorado Early Learning and Development Guidelines, Common Core State Standards and research on early mathematics learning and teaching. Preschool and kindergarten teachers and those who support them are encouraged to attend.