



STATE OF NEW JERSEY

DEPARTMENT OF EDUCATION

A Memo from the New Jersey Department of Education

Date: January 4, 2023
To: Local Educational Agency Leads
Route To: Early Mathematics Educators, Grades K-3
From: Cary Booker, Assistant Commissioner
Division of Early Childhood Services

Professional Learning Opportunities in Early Learning Mathematics for Kindergarten-Grade 3 Educators

The New Jersey Department of Education (NJDOE) Office of K-3 Education is excited to invite New Jersey educators to virtual professional learning sessions in the area of early learning mathematics. Our office has developed professional learning sessions that will enable teachers to build their capacity in best practices of early learning mathematics.

Each virtual learning session will be offered at 3:15 p.m. and will run for one hour to accommodate teachers' schedules. Sessions will include an introduction, evidence-based best practices, interactive feedback, and an assessment of learning. To join these optional virtual sessions, Local Educational Agencies (LEA) staff can sign up on the NJDOE's [Calendar of Events Registration](#) page. Teams of LEA staff may attend the training session, or individual staff members may attend and share the information to others in their LEA.

Topic 1: Flexible Small Group Instruction in K-3 Mathematics

Session Date: February 23, 2023 (3:15-4:15 p.m.)

Training Objectives

- Participants will learn ways to effectively organize students into groups based on shared needs and offer them intentional, differentiated instruction.
- Participants will explore ways to formatively assess students during small group instruction through questioning, observations and anecdotal notes.
- Participants will explore management tools to help students work productively in centers.

Topic 2: Problem Solving in K-3 Mathematics

Session Date: April 19, 2023 (3:15-4:15 p.m.)

Training Objectives

- Participants will explore several types of problem situations (i.e. add to, take from, put together and take apart) appropriate for grades K-3 students.
- Participants will discover ways to enable children to make sense of problems through the use of concrete materials, realia, drawings, or acting out the mathematical problem.
- Participants will explore ways to help students solve math word problems through scaffolded experiences.

Contact Information

LEA staff can sign up on the New Jersey Department of Education's [Calendar of Events Registration](#) page.

If you have questions, please contact melanie.harding@doe.nj.gov. As always, the NJDOE appreciates your engagement in professional growth, and we hope you embrace this opportunity to foster ongoing improvement and continuous change in early learning mathematics!

c: Members, State Board of Education
 NJDOE Staff
 Statewide Parent Advocacy Network
 Garden State Coalition of Schools
 NJ LEE Group