



STATE OF NEW JERSEY

DEPARTMENT OF EDUCATION

A Memo from the New Jersey Department of Education

Date: September 4, 2024
To: Local Educational Agency Leads
Route To: Teachers, Grades Preschool to Third Grade (P-3)
From: Cary A. Booker, Assistant Commissioner
Division of Early Childhood Services (DECS)

Statewide Professional Learning Opportunities in Early Learning Mathematics for P-3 Educators

The Office of K-3 Education invites New Jersey educators (P-3) to virtual professional learning sessions in 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 3:30 PM 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 sessions, LEA staff can sign up on the [NJDOE Events Registration Page](#). Emails with reminders and links to join sessions will be sent to all members who register. All educators who attend will receive a certificate as proof of attendance. Teams of LEA staff may attend the training session, or individual staff members may attend and turnkey the information to others in their LEA. We look forward to the learning that will take place around these important topics.

Training Information:

Topic 1: Developmental Learning Trajectories in Early Mathematics across the P-3 Continuum

Date: October 10, 2024

Time: 3:30 p.m. – 4:30 p.m.

Deadline to register: October 7, 2024

Session Description

- Numerous studies have recommended that teaching mathematics along a developmental progression is essential. As a strategy to support children's mathematics learning, educators will receive an overview of research based developmental learning progressions and the Learning Trajectories tool which will empower educators to better establish where a child's base level begins and determine what steps need to be taken to maximize their learning potential.

Topic 2: Developmentally Appropriate Daily Mathematics Routines across the P-3 Continuum

Date: December 5, 2024

Time: 3:30 p.m. – 4:30 p.m.

Deadline to register: December 2, 2024

Session Description

- One of the central challenges facing early childhood mathematics teachers is how to meet academic standards while creating learning environments that honor young children's mathematical ideas, curiosity, enjoyment, and playfulness. During this session, the presenter will introduce several brief whole-group and partner daily math routines designed to engage young children in meaningful math thinking and build problem-solving communities.

Topic 3: Equity Based Practices in Mathematics across the P–3 Continuum

Date: February 20, 2025

Time: 3:30 p.m. – 4:30 p.m.

Deadline to register: February 17, 2025

Session Description

- Teachers have critical roles to play in helping all students learn, as well as many constraints that often impact their work. During this session, educators will reflect on identity and re-envision teaching and learning mathematics through this lens. Teachers will engage in conversations around issues of equity focusing on individual children’s needs that allow them to develop as powerful mathematics learners.

Topic 4: Fluency in Early Mathematics across the P–3 Continuum

Date: April 3, 2025

Time: 3:30 p.m. – 4:30 p.m.

Deadline to register: March 28, 2025

Session Description

- Mathematics facts are important, however the memorization of math facts through practice, repetition, and timed testing is unnecessary and damaging. During this session, participants will discover ways to appropriately teach and assess math facts by promoting number sense, flexibility, efficiency, and accuracy.

Contact Information:

For questions, please contact the Office of K-3 at K-3Office@doe.nj.gov. Register for all sessions at the [NJDOE Events Registration Webpage](#). For more information on the P-3 continuum, please see the [DECS webpage](#).

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