



The ECSTEM Conference & The Children's Center at Caltech
Professional Development Division Presents

2018 Fall Educator Workshop Series



Thank you for your interest in **The Children's Center at Caltech**. Since 1972, we have been offering high quality child care and education for children ages six months to six years. In 2000, our research led us to adopt STEM (Science, Technology, Engineering and Mathematics) curricula as a focus of our early childhood program. As leaders in STEM Early Childhood education, we launched ECSTEM (www.ecstem.org) in 2011, and began hosting an annual conference bringing together educators, policy makers, researchers and other vested community stakeholders to address the needs of our youngest citizens. Contact information: ecstem@caltech.edu | 626.395.6860

Due to the overwhelming demand for tours of our facilities, and requests for professional growth workshops, we have formed a **Professional Development Division (PDD)** that arranges tours, on-site visits and workshops.

Crawling into Gardening

Every garden is a community garden. What is soil? We will introduce infants and toddlers to the basics of soil. We crawl in it, we dig in it, we grow with it; we explore, discover and investigate with it. Come and experience a developmentally appropriate curriculum that introduces gardening to young children. Learn how to build a gardening community for the youngest learners.

Saturday, September 22, 2018 (9-12pm)
Presenters: Mirella Rodriguez, Angeline Picasso, and Stephanie Nguyen, Senior Teachers

Sing, Play, Bounce, and Wiggle: Creative and Improvised Patterns by Exploring Math in Music

This workshop will awaken, develop, and refine innate musicality through STEM based music and movement activities for early childhood years. The session will encourage to build strong foundation for future development of language, social-emotional, and motor skills for young children by introducing ear-training, singing games, solfege, finger plays, song-tales, echo songs, folk dance, playing patterns on non-pitched percussion instruments, and pitched barred instruments.

Saturday, October 27, 2018 (9-12pm)
Presenters: Dayita Datta, Music Specialist

Examining Similarities and Differences through Science Exploration

Children are innately aware of differences and similarities in their surroundings. How can we support and develop this understanding through science exploration? See how one toddler classroom took on variation through exploration of various species of flowers, plants, animals, and eventually their own bodies (eye color, shades of skin color).

Saturday, November 10, 2018 (9-12pm)
Presenters: Melissa Samples, Lead Teacher & Jessica Lockridge, Senior Teacher

NAME: _____

ORGANIZATION: _____

ADDRESS: _____

PHONE NUMBER: _____

EMAIL ADDRESS: _____

I would like to schedule:

Sept. 22 (\$70/person)

Oct. 27 (\$70/person)

Nov. 10 (\$70/person)

Total #attending: ____ x \$70

Total Due: \$_____

Please select the following that apply:

- STUDENT(S)
- TEACHER(S)
- COLLEGE FACULTY
- PROGRAM DIRECTOR /ADMINISTRATOR(S)
- CONSULTANT
- INFANT/TODDLER
- ADDITIONAL NAMES OF ATTENDEES

Please complete this registration form and mail along with payment to:

The Children's Center at Caltech, 1200 E. California Blvd. MC 1-133, Pasadena, CA 91125 Attention: PDD