



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

2019 Summer 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.

Exploring Programming through Music and Movement with our Youngest Learners

What is programming? How do you introduce this concept to young learners? Join us as we discuss a developmentally appropriate curriculum that focuses on introducing programming through music and movement to infants. Have fun! Get inspired! Take with you a variety of techniques and curriculum possibilities that will help you incorporate programming into your curriculum through music, movement and storytelling.

Saturday, June 8th (9-12pm)
Presenters: Eloisa McGah, Lead Teacher and Tricia Lau, Senior Teacher

Scale and Structure

Join us as we investigate Scale and Structure with toddlers. We will dive into our journey with our future engineers as we explore how things are constructed and examine size. We will provide you with age appropriate activities to expand their experience and support your own curriculum development.

Saturday, July 20th (9-12pm)
Presenters: Amanda Lawson and Diana Ramirez, Lead 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. This session will encourage you to build a 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, and playing with patterns on non-pitched percussion instruments and pitched barred instruments.

Saturday, Aug 31st (9-12pm)
Presenter: Dayita Datta, Music Specialist

NAME: _____

ORGANIZATION: _____

ADDRESS: _____

PHONE NUMBER: _____

EMAIL ADDRESS: _____

I would like to schedule:

June 08 (\$70/person)

July 20 (\$70/person)

Aug 31 (\$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