



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

## 2020 Spring 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 month 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](http://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](mailto: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.

### Energy: How Things Move

Our youngest learners are constantly using their bodies to explore the world around them. Energy is being used whenever children are trying to figure out how things work. Without even thinking twice about it, children are using their energy to play, create, and even observe. Come join us in learning how infants and toddler groups discovered how to use their own energy in order to find out how things move.

Saturday, March 14, 2020 (9-12pm)  
Presenter: Kayla Chambers, Lead Teacher,  
Stephanie Nguyen, Senior Teacher  
Angeline Picasso, Associate Teacher

### Light and Shadow

Light and shadow is so interesting to children. It also is a valuable agent to help support active investigations and engage in STEM discoveries. Come and foster your own awareness of "light" and learn new strategies on how to use light tables and other materials that can provide new curriculum possibilities.

Saturday, April 18, 2020 (9-12pm)  
Presenters: Erica Mendez, Senior Teacher  
Marlene Garcia, Senior Teacher

### 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 movements 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, May 30, 2020 (9-12pm)  
Presenter: Eloisa McGah, Lead Teacher and  
Crystal Cebreros, Senior Teacher

NAME: \_\_\_\_\_

ORGANIZATION: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE NUMBER: \_\_\_\_\_

EMAIL ADDRESS: \_\_\_\_\_

I would like to schedule:

☐ Sept. 14<sup>th</sup> (\$70/person)

☐ Oct. 26<sup>th</sup> (\$70/person)

☐ Nov. 23<sup>rd</sup> (\$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

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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