



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

## 2019 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](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, September 14<sup>th</sup> (9-12pm)  
Presenter: Kayla Chambers, Lead Teacher

### Exploring Force and Motion

Children are naturally curious and active learners. Integrating joyful STEM activities into the learning environment continues to foster this curiosity, and it allows for further exploration, inquiry development, discovery and problem-solving. Join us and learn how preschool children gained new knowledge in all aspects of STEM through fun and interactive activities based on the curriculum concept of Energy: Force and Motion. We will introduce a developmentally appropriate curriculum on researching, exploring and discovering how things move with young learners.

Saturday, October 26<sup>th</sup> (9-12pm)  
Presenters: Cindy Antuna, Lead Teacher  
Goheun Lee, Senior Teacher

### Form and Function

What is form and function? How do you teach it? Why is it important to teach young children? Join us as we present and show how to introduce everyday items and specific materials to children, and why it is important to do so. We will demonstrate how you can incorporate form and function into your curriculum, and how it can become your curriculum.

Saturday, November 23<sup>rd</sup> (9-12pm)  
Presenter: Jacqueline Reyes

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

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

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

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

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

I would like to schedule:

Sept. 14 (\$70/person)

Oct. 26 (\$70/person)

Nov. 23 (\$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