



## Incorporating STEM into Early Intervention Home Visits Infants and Toddlers Early Intervention Incubator Project Science-Technology-Engineering-Math (STEM) Activities in Early Education

We are recruiting EI providers who will try out STEM activities with families and children and provide feedback about how the activities worked, could be adjusted, or changed to better meet needs of children and families. We are hoping to be able to identify and include children of a variety of ages and with different types of developmental delay or disability as well as EI providers with different discipline backgrounds.



**This opportunity is open to providers who have participated in previous STEMIE activities as well as new providers.**

STEM activities involve children's play within various natural settings (e.g., play with water in bathtub, in backyard wading pool, at kitchen sink, at fishpond in park, at water table),

- Providers will incorporate STEM by coaching families to embed STEM concepts into routines they do with their children.
- If possible, STEM experiences will be videotaped to illustrate how STEM was incorporated. Videos may be made on a phone and will be uploaded to Google drive.
- Providers will:
  - Complete a short survey following each session AND
  - Upload the session note for each session visit to Google drive.
  - Support the family to complete an online family survey for each session
  - Participate in approximately 2 or more Community of Practice (COP) 1 hour discussion groups in each month of participation.

## STEM Experience

The length of participation is approximately 6-7 months. Providers will receive a \$200 stipend and 6 TLC credits after they have attended 10 COP meetings (and completed visit forms for those meetings.) Meetings will be scheduled weekly across the next months and providers may choose which COPs in which to participate.

## What Do Providers Need To Do To Be Considered for Participation?

- Identify children/families on your caseloads who will complete STEM experiences with their children; Children must be 0 to 5 years old and receiving services at home.
- You may enroll as many families/children who would be interested.
- Families/children may do as many STEM experiences as is possible for them.

## What Will Providers Do To Participate in the Project?

- Complete an agreement to participate form.
- Work with families and coach them about how to use one or more STEM experiences with their children during typical family routines.
- Complete **planning sheet** & reflection **feedback form** for each session where STEM experience was tried.
- Upload the **planning form** and **EI session note** to google drive.
- Post any recorded **videotapes** to Google Drive.
- Participate in orientation and 1-hour Communities of Practice (COP's) periodically via Zoom.
- Provide your evaluation of each activity via a google form link and coach families to complete the **family feedback form**.



**Have Questions?**

**Need More Info?**

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