Orange County STEM Hub
2017-18 On-Demand Trainings Available

A Collaboration Providing STEM Professional Development for Orange County's Expanded Learning Programs

The Orange County STEM Hub offers trainings to program's specific to their needs and availability.
Current Offerings

STEM Planning 101 –
This training will provide program staff with practical applications of STEM. Participants will watch real program videos of staff going through all aspects of implementing STEM activities. Including designing activities, organizing materials, and the ins-and-outs of implementation of the activity. Participants will have time to collaborate and discuss the highlights of the videos and have some dedicated planning time.

BreakoutEDU Team Building –
Participate in a hands-on, problem-solving, creative activity that will get your team communicating and thinking "outside the box." Race against the clock as your team tries to "break out" by solving a series of challenges. This training includes a debrief on lessons learned. Sessions can be modified to incorporate more of a STEM focus, if preferred. Requires at least an hour and a half. The maximum for this training is 30 participants.

Finding Youth Voice in STEM –
This training will help students have a more authentic, student led learning experience. Learn how to provide all students opportunities to use their voice within the program on a daily basis. The training is hands-on, and builds on 21st Century Skills like Critical Thinking and Communication.

Engineering Design Process –
This training will help staff move through the Engineering Design Process to ease their facilitation of it with their students. Staff will be hands-on with an Engineering project/activity that they can then introduce to the students.

Lending Library Kits Training –
This training will allow staff to become comfortable with facilitating STEM Kit activities by being introduced to the procedures, curriculum and materials included within the kit as well as strategies for effective facilitation. After participating in one of these trainings, staff can check out these kits from the Orange County STEM Hub's Lending Library for a 6 - 8 week time period. Participating in this training is a requirement to borrow these materials for your program site.

Programs Choose One of the Following:

Lakeshore STEM Kits: Don't Loose Your Marbles, Car Designer, and Windmill Designer STEM Learning Lab
Robotics: Bee-Bots (Coding Robotics for Early Grades)
littleBits: (Circuits for upper grades)

Training Requirements

- Minimum of 15 attendees, you may include other programs/organizations to ensure your numbers
- Requestor must provide the training location, requested set up and AV equipment needed; location room must be available 1 hour prior and 1 hour after the training
- Trainings need to be a minimum of one hour, a maximum of three hours
- All participants must register online through the given OCDE link and complete all surveys
- Inform the trainer of a cancellation at least 72 hours prior to the training event
- Training availability will be on a first come, first serve basis; with no more than two trainings a month.

For questions, more information or to schedule a training, please contact Suzanne Hill, Project Assistant, PoD:STEM
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