

Virtual trip for PreK-2

Host Site: Amy's Farm (teacher led activity)

Website: <http://www.amysfarm.com/visit/tours>

Field Trip Contact: Melissa Castaneda

melissa@amysfarm.com

1-844-426-9732

About Melissa: Melissa has served at Amy's Farm for twenty-one years. As a third generation Japanese-American farmer, Melissa is passionate about educating those interested in learning about farming, cultivating the land and relationships and desires to see the art of farming preserved for generations to come!

Length of program: 30 minutes to 1 hour

Field Trip Description: Virtual tours are offered for all ages Preschool-12th grade. Offering an experience to introduce the sights and sounds of Amy's Farm with a guided tour with video and still photographs and activity sheets. **MEEC covers presentation cost.**

Virtual Trip available for 3-5

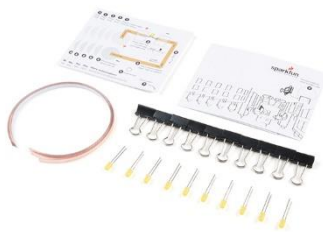
Host Site: High Desert Power Project (teacher lead activity- SparkFun Paper Circuits Kit: kits delivered to school site/teacher)

Field Trip Contact: Ali Balcazar

760-530-5501 or abalcazar@mrpgenco.com

Length of tour: 30 minutes – 1 hour

Field Trip Description: Virtual plant tour and a discussion on the different forms of energy that can include a demonstration of energy conversion to electricity. The virtual tour will be guided from maintenance and engineering staff with extensive knowledge of power plant equipment and electric power production.



Virtual Trips for 6-8

Host Site: CalPortland Company (**presenter lead activity- Concrete in a Cup: kits delivered to teacher**)

Website: www.calportland.com/environment.aspx

Field Trip Contact: Catalina Fernandez-Moores
cfernandez@calportland.com
626-244-4358

About Catalina: As an environmental specialist make sure all our cement and concrete plants are following local, state, and federal environmental laws. This spans water, air, wildlife and hazardous waste. I am 24 years old and fluent in both English and Spanish. I am more than happy to speak with kids about college. In college I got a bachelors and masters degree in biosystems engineering, where I focused on water resources.

Grade Levels: 3-12

Length of tour: 1 hour

Field Trip Description: Kids will learn about ratios and what concrete is by mixing sand, gravel, cement, and water. It can get a little messy. We will be showing a video on our Oro Grande

Special Instructions:

1. Please contact MEEC to arrange for the desired activity kit (teacher kit or student kits)

Virtual Trips for 9-12

Host Site: Rio Tinto Borates: Borax Visitor Center (**teacher lead activity- Slime: kit will be delivered to school site/teacher**)

Website: <https://www.borax.com/visitorcenter/>

Field Trip Contact: Simone Hensher
Manager Mine Technical Services
661-528-8390 or simon.hensher@riotinto.com

About Simone: Simone manages a group of engineers and geologist that are responsible for developing the mine plans, monitoring geology, surveying, and short-range planning.

Length of tour: 30 minutes - 1 hour

Field Trip Description: Learn about the history of borax the mineral, and Borax the company, and mining today, how borates are used and how they are transported to the world.



Virtual Field Trips for Grade K-12

Teachers can apply for up to \$500 to cover the cost of a virtual speaker and supplemental activity materials for the speaker. Teachers will need to include a list of supplies with cost break down (including tax and shipping) and also the name and cost of virtual program they are requesting.

California Science Center Virtual Field Trips: <https://californiasciencecenter.org/programs/virtual-field-trips>

Aquarium of the Pacific: <https://www.aquariumofpacific.org/education/virtualfieldtrips>

In-Person Trips Available for K-12

Host Site: Mitsubishi Cement Corporation (**teacher led activity or in-person field trip available: kits delivered to school site/teacher**)

Site Address: 5808 CA-18, Lucerne Valley, CA 92356

Website: <http://mitsubishicement.com/>

Field Trip Contact: David Rib
Environmental Manager
760-248-5184 or drib@mitsubishicement.com

Length of tour: 1 hour – 2 hours

Field Trip Description: See how cement is made from raw materials blasted from the mountain-side into an important building material. Beautiful views of the cement process overlook Lucerne Valley and beyond. See how vegetation is re-established to restore the natural habitat. See how raw materials are mixed and heated and then transformed to cement clinker. See a big pile of waste tires that are used daily as clean fuel for the process. Every student will learn the difference between cement and concrete! Virtual presentation includes speaker and video with “**concert in a cup**” activity supplies provided for teacher lead activity.

Special Instructions: In-person trips available. Please note the following guidelines:

- All participants wear masks
- Limit to 20 participants
- Each participant will fill out a COVID exposure form and have no high-risk exposure within 2 weeks
- Arrive on a bus or caravan enough vehicles so participants can spread out in vehicles including up to 6 in MCC passenger van.
- Tour of outside areas, no inside locations (except restroom at Admin)
- No meals on site