

Virtual Field Trip Connections (9.1.21)

Host Site: Aquarium of the Pacific (**teacher lead activity with classroom zoom**)

Website: <https://www.aquariumofpacific.org/education/virtualfieldtrips>
<https://www.aquariumofpacific.org/education/virtualfieldtrips/vidfaq>

Grade Levels: PreK-12 (35 max participants per program unless otherwise noted)

Field Trip Description: <https://www.aquariumofpacific.org/education/virtualfieldtrips>

Special Instructions: MEEC will reimburse presenter fee and fees associated with supplies needed for activity. Please include program and fee on application.

Host Site: California Science Center (**teacher lead activity**)

Website: www.californiasciencecenter.org

Grade Levels: K-5

Field Trip Description: <https://californiasciencecenter.org/programs/virtual-field-trips>

Special Instructions: MEEC will reimburse presenter fee and supplies needed for activity. Please include program and fee on application.

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

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 Cement Plant that has rock blasts and walks you through the process of turning limestone into cement.

Special Instructions: MEEC will work with CalPortland and teacher to arrange pick up of materials for student distribution.

Host Site: Heal the Bay Aquarium (**teacher developed and led activity**)

Field Trip Contact: Robert Ramos
rramos@healthebay.org

Grade Levels: PreK-12 (30-50 participants max per program)

Length of tour: 45 minutes

Field Trip Description: Discover the natural diversity of local marine ecosystems! Together, we will explore four unique ecosystems that exist off the coast of Southern California, while

highlighting the adaptations some creatures have developed in order to live there. We also take a look into how humans are connected to the natural spaces around them.

Special Instructions: MEEC will reimburse the cost of the aquarium presentation and material needed for activity. Please submit material list for activity with application.

Host Site: High Desert Power Project (**teacher lead activity- SparkFun Paper Circuits Kit**)

Field Trip Contact: Ali Balcazar

760-530-5501 or abalcazar@mrpgenco.com

Grade Levels: 3-6

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.

Special Instructions: MEEC will provided Spark Kits to teacher to distribute to students.

Host Site: Rio Tinto Borates: Borax Visitor Center (**teacher lead activity- Slime kits, borate minerals samples and activity books**)

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

Field Trip Contact: Mary Beth Garrison

Manager Mine Technical Services

661-528-8390 or simon.hensher@riotinto.com

Grade Levels: 3-5

Field Trip Description: Virtual mine tour with accompanying activity book. 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.

Special Instructions: MEEC will provide Slim Kits to teachers to distribute to students.

