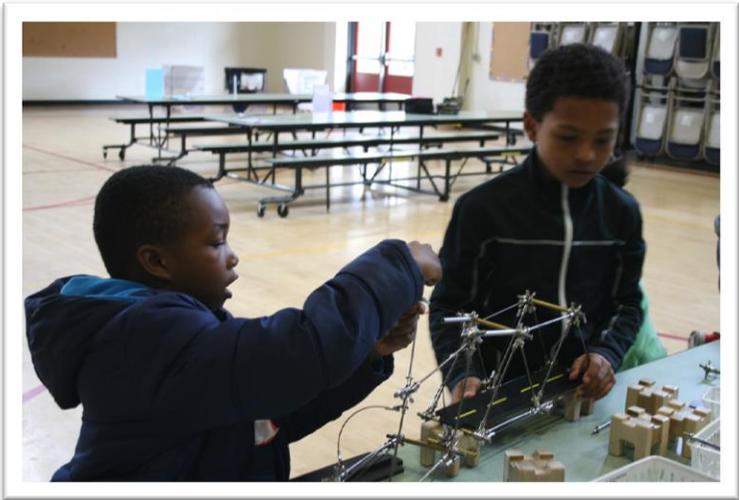


# Super Science Saturdays

**Saturday, March 12, 2016**



Super Science Saturdays is back! The program has expanded to 3 sites and now serves students from all 11 elementary schools in the district. The program meets every other Saturday for a total of 6 sessions from March to May.



At Rosa Parks, students participated in the Lawrence Hall of Science's "Build It!" Festival. Students built arches and bridges, applied geometry to their structures for greater stability, and learned how to create pop-up books.



At Malcolm X, students participated in LHS' "Electrifying Science: The Magic of Electricity" Assembly, learning about electricity using balloons, a Tesla coils and a lightsaber!

At Thousand Oaks, students participated in LHS' "Engineer and Invent" Festival, creating motorized WobbleBots, learning about hydraulics and conductivity, and engineering mathematical yet artistic structures.



At all 3 sites, students learned about the engineering design process and applied it to real-world problems that needed to be solved.



Students in Yellow and Green groups at all 3 sites learned about toxic contaminants that can affect a city, and worked as a team to design a device that could safely extract "toxic marshmallows" from within city limits.

Students in Blue and Purple groups at all 3 sites designed aerial lifts that could transport people up and down a mountain safely.

Students in Salmon groups at all 3 sites designed a device that could rescue a puppy trapped inside a sewer. (This photo is from the staff training.)



Every student in the program learned how to code and created their own apps using Bitsbox. Students programmed hamburgers to explode with a click, raced cars at different speeds using the touchpad, and added sound effects to their apps.



## Up Next:

Field trips to the Exploratorium (Rosa Parks), the Lawrence Hall of Science (Malcolm X), and Chabot Space & Science Center (Thousand Oaks)!