West Side Science Club – Event #32 – “Field Trip to ReDiscover Center”

Original Presentation

Date: 7 June 2014
Time: 10 am to 12 pm
Site: ReDiscover Center in Culver City

Big Questions

• These questions are meant to frame the day’s event and might be written on the chalkboard
  (1) What parts do you need to complete your robot?

Concepts

• Concepts to cover from the “Work of CCI Solar” Mind Map: Engineering- Devices: design, cost-effectiveness; Electricity- current, voltage, series/parallel; Energy- batteries, fuels, solar

Lesson Plan

Student Objectives

• See the possibilities of recycling items to make new things
• Learn about mechanics and functionality of their robot
• Engineer designs and overcome obstacles to make a working robot

Schedule/Agenda

• Work on Robots (1 hr 50 min)
• Clean-up (10 min)

Materials

• Everything in the rediscover center
• Robots from last week

Safety

• Be careful of burns using the glue gun
• Have a mentor assist with the soldering iron

References

(1) “The ReDiscover Center”
    http://www.rediscovercenter.org