

## 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>