MVES MakerSpace Materials

Furniture:

* We had the YCSD buildings folks make us two robotics tables with rims; one with an insert for the lego table. I finished them.
* We ordered two IKEA shelving units to store maker materials. (We actually hope to have a long “construction” table built with drawer units to go underneath for storage ultimately.)
* We bought crates, fabric, foam, and particle board to make the crate chairs for the room.
* We have 4 tables and several chairs.
* We have two student computers at a computer table.
* iStation – with appleTV and hovercam to demo all projects.
* Storage containers – we bought them from Walmart mostly.
* Lots of cabinets – we bought long padlocks to lock cabinets.

Computers/Robotics/Electronics:

* Two desktop computers
* 15 ipads
* Occasional use of laptops from cart also
* 9 beebots and charging station
* 6 ozobots and a USB charging strip
* 3 dot, dash sets (WonderPack) and charging strip
* 3 sphero and charging strip
* WeDo 2.0 : 10 sets
* Little Bits: 4 sets
* Squishy circuits: 4 sets
* 1 class Hummingbird kits – we are starting in club with those
* 3-D printer: makerbot replicator with filament.
* 3 EV3 Lego robots for the Lego League competition – with challenge table – used by lego league during season; grades 4, 5 when not in season

Building materials (ready-made):

* Keva planks (large set in box)
* K’nex: several sets – large Maker set, several simple machines sets and a younger kids set
* Lego: flats to glue to the tabletop; we got donated Lego
* Teacher Geek racers, wigglebots, and wind turbine.

Consumables:

* Donations of recycled materials frequently requested.
* Purchased and continue to purchase: craft sticks; markers, colored pencils, a huge roll of butcher paper; scissors; glue; tape; pompoms; noodles, yarn, styrofoam, cardboard, etc.

Books:

* Scratch and Scratch, Jr.
* Various fact books on engineering and robotics
* How to Code a Sand Castle
* Ada Twist, Scientist and that whole series
* Scratch and Scratch, Jr. coding cards