Robot Design Skit

All: Hey, we’re the BLOCKBUSTERS!!!!

Asha: And this our Robot design presentation

Lakshmi:

* For our strategy we started with the easy missions and worked our way up from easy to hard.
* The order of runs we do is animals and compost, push truck, get compost, loop, knockdown building.
  + Animals is long setup so we do it first
  + Knock down building is last because stuff could get in way
  + Compost pickup is not right after mission we push it in because talks a few seconds to come out of composter
* Talk about what always works and what sometimes works
* Talk about animals and compost more

Nick:

* Had to pick out of 2 robots we had already built.
* Explain Fat man and skinny boy.
* Reviewed the strengths of each robot and decided that we would use fat man because there was no place that he wouldn’t fit.
* We made two copies of the same robot after we picked a winner

Sam:

* Strategies used when deciding when building the robot we to give it flat sides so it could rub on the wall.
* Also changed the position of the gyro from the insides of the robot to the outside
* Changed our arm so it was less floppy and stiffer.

Everyone pitched in on the robot, even if only briefly.

* Use gyro wiggle because helps get more secure

Lily:

* Structure:, big claw grippe wheels
* Over time, we changed the wheels so they would grip better and we changed the wheels on the side.
* We use gyro on every mission
* Use a jig to make place it starts same every time

Asha:

* We always get, career, compost, little airplane. Truck
* To do turns, often use gyro
* Use light sensors to detect lines
* Use comments so we won’t forget stuff – coach loves it
* Durable because it has only broken once when we were teaching third graders how to program for hour of code.

Sean:

* Talk about how Arm is unique + arm fingers, wheels on the side,
* , stuff inside wheels to make hard
  + Use Red wheels because the grey wheels made us too fat

Mira:

This is the end of our presentation. Can we run some of our programs on the table?