Date:9/3/14

Wednesday Challenge Form

Group Members: Ara, Sebou, Eric, Matt

Problem Statement: Design a robot to enter in the 2011 robot competition.

Approach: We decided to make a robot with a Retractable claw to attach and detach to the balloons. The bottom of The robot will be dense and filled with sand to prevent the rest of the Robot from tipping over. Additionally, We thought that the tiny robot Would attach with a belt to scroll up the bar to reach the top. We think That the increased surface area of a belt will increase traction and Seed up the pole. The claw would work like a muscle by contracting And relaxing different fibers attached to grab the balloon. The tank Bottom will be used to cut excess weight and increase traction with The floor and therefore increase speed and stability.

Solution: my group won because of the mini-Bot part of our design.

Lessons Learned: answers to a problem require Creative ideas only teams can make.