

Date: 1/14/15

Wednesday Challenge Form

Group Members: Adrian

Problem Statement: Weigh two 500g and 1 round calibrated weight with one kilogram written on it. Then decide why the labeled round weight did not weigh 1 kilogram, but 250g.

Approach: I was the timer and my goal was to get groups to weigh both objects and realize the dilemma. Everyone got three minutes plus any additional time they needed.

Solution: The reason was due to the fulcrum ration, the distance and weight is in proportion with the other sides distance and weight.

Lessons Learned: Hide all unnecessary equipment from groups.