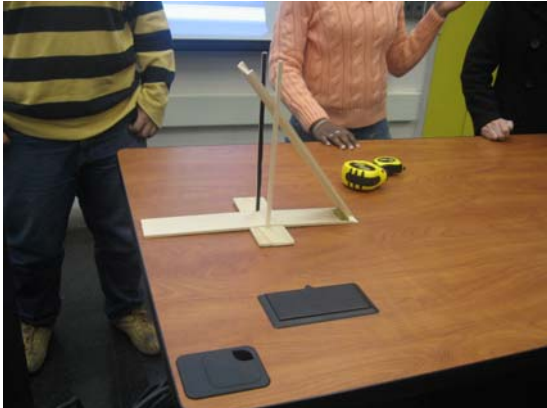


Engin 103
 Fall '06
 Meeting #20: Nov. 7, 2006

Project 2 Day 1 presentations:
 Design grade based on:

- 1) Design elements incorporated to increase predictability
- 2) What are the values for X and Y? Possible range of values.

Team 2 	Trebuchet Wind resistance; arm release; stability; turf control; time line; 7.5 hrs; \$19.87
Team 3 	Pendulum X=length; Y=period; used 20 oscillations; used linear model
Team 4 	Throw-ball machine One spring for less errors; side panel for stability; attached ruler for position measurement
Team 5	Matchbox car and track X=pull back distance; Y=traveled distance;

	used linear model; used rails to keep car in linear motion
Team 6 	Ramp Velcro on side and hinge for ramp angle adjustment, rails on ramp; \$12 cost
Team 7 	Car on ramp Fixed ramp angle; X=position on ramp; Y=distance traveled.
Team 8	Car on adjustable ramp; Use release mechanism for less human interaction; used track after ramp to keep car in linear motion

	
Team 9	Pendulum in frame Quadratic model, trying to get g
Team 10	

Suggested items to write in the Engin 103 logbook:

- 1) Draw a sketch of the system presented by your team. Pay attention to details that would enhance predictability and indicate what are the X and Y values in the sketch.
- 2) Same as in previous questions for systems presented by the other teams. Include predictability details and indicate X and Y values in the sketches.