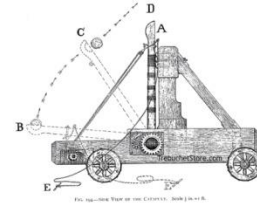
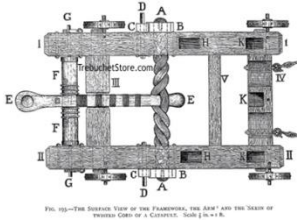


Name: _____ Date: _____ Class: _____

Engineering Design Challenge Packet



http://www.redstoneprojects.com/trebuchetstore/catapult_2.jpg

Client Statement

Create a “slinger” to be used in an indoor game. The slinger should be made entirely out of the materials provided. The slinger should launch a Ping-Pong ball approximately 20 f into a goal. The slinger should be able to be aimed by the players and be safe for use.

Problem Statement: _____

Function: _____

Objective: _____

Constraints: _____

Design Solution (sketch your proposed solution):



Prototype: _____

Test Results

Trial	Way Off Target	Off Target	Close	Very Close	Edge of Net	Score
Example		X				
1						
2						
3						
4						
5						
6						
7						

Create a dot plot of your results from the table. What do you notice about your graph?

Evaluation of Results _____
