

Technology Education
Principles of Engineering
Paper Problem

Problem:

Design, construct and test a device that will go the furthest distance.

Parameters:

- Each student will work independently on their own solution
- You have exactly one class period to complete and test this device
- You must use the entire 8.5 x 11 inch paper provided
- You have only one piece of paper to work with, no replacements
- No additional materials, including water, may be used
- Competition will be held in the hallway right outside of class
- You may only use yourself (human) power to propel your device

Competition:

The device that goes the furthest distance will be the winner.
All “best” distances will be recorded

Lab Write-up:

Write up and turn in a brief summary of the strengths and weaknesses of your design. Talk about the “design thought process” that you went through in the evolution of your final design. In other words; what did your first, second, third, etc. designs look like and why did you select your final solution.

Make the write up a pdf, Email this lab write-up to Chris_French@bcisd.org, and place a copy in your Electronic notebook..