



Engineering: DESIGN PROCESS

Project: Trebuchet

Name: _____

Block: _____

Identify the Problem:

What are we building and why?

Determine the Parameters:

What are our restrictions and possibilities to solve this problem?

1. TIME -
2. MATERIALS -
3. SIZE -

Conduct Research – *Please attach research notes.*

Generate Solutions – *Brainstorm possible ideas. Four sketches per person.*

Choose Best Solution – *Attached is the design matrix to assist in choosing the best solution.*

Create Production Path – *a simple project detail in space below, for more complex operations attach with working drawing.*

Implement Solution – *Ortho-Sketch, Orthographic Drawing then Build Project*

Test and Evaluate – *Comment on design, ease of manufacturing, learning/skill development, etc.*