**Paper Bridge Challenge - Activity Overview**

Materials

* 8.5” x 11” cardstock
* Washers or pennies
* Scissors
* Engineering Notebook
* Testing platform or books spaced 12” apart

Procedure (42 minute classes)

* Day 1:
	+ Engineering Design Process Pre-Test
	+ Engineering Design Process Presentation and Notes
* Day 2:
	+ Dream Big Videos
	+ Design Brief
	+ Research
* Day 3:
	+ Research
	+ Brainstorming/Sketches
* Day 4-5:
	+ Decision Matrix
	+ Create Final Solution
		- Final Drawing
		- Directions for Assembly
		- Bill of Materials
* Day 6:
	+ Exchange designs with another student
		- Build
		- Test
		- Provide feedback
* Day 7:
	+ Reflection in Engineering Notebook
	+ Engineering Design Process Post-Test