













Pump It! Design-Build-Test Helpful Village Water Pumps

TeachEngineering

Problem Set

keep track of materials costs, and calculate power and cost efficiencies of the prototype pumps.

Suggested Learning					
Time	7 : 30	Cost	0.00		
PreRequisites					
Requirements					
Skills					
		Focus	Level	Standard	Points
	Applied Science			NGSS	34
	Written Communication			CC	10
	Mathematics			CC	10
	Team Building				10
Total Skill Points					64
Knowledge Gain					
State how a centrifugal pump works and how a displacement pump works. Calculate the power output of a pump.					
Resource Link					
https://www.teachengineering.org/activities/view/cub_pumpit_activity1					

Skills Label™

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