

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

TeachEngineering

Design













Keep track of their 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
 Engineering				24
 Applied Science			NGSS	24
 Written Communication			CC	7
 Mathematics			CC	7
Total Skill Points				62

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™

Patent 11587190

www.skillslabel.com

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