

Lesson Plan

Date:

Grade: 12 (SPH4U)

Subject: Physics

Lesson Topic: **Energy and Efficiency in Systems**

Learning Objective/s:

Analyse energy input vs output in mechanical systems
Calculate efficiency of EDU MECHS motor circuit Activities:
Lab: Motor lifting weights
Record time, mass, energy calculations
Create bar graph of energy transformation

Cells and Components Needed

EDU MECHS kit, logic worksheets

Closure

Quizlet and name components