Mechanical Systems Key Terms

Each of these key terms can be found in the lessons from this unit. When we discuss one of these key terms, (1) flip back to this page, (2) record the page number of the corresponding lesson, (3) provide the definition and an example of each.

Key Term	Page #	Definition & Example:
Simple machine		
Lever		
Class 1 lever		
Class 2 lever		
Class 3 lever		
Fulcrum		
Effort Force		
Load Force		
Load Arm		
Effort Arm		

Key Term	Page #	Definition & Example:
Mechanical advantage		
Speed advantage		
Winch		
Wheel and axle		
Gear & *Gear Train*		
Driver gear		
Follower gear		
Speed ratio		
Pulley		
Fixed pulley		

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Work		
Key Term	Page #	Example
Input work		
Output work		
Potential energy		
Efficiency		
Pressure		
Closed system		
Open system		
Pascal's Law of Pressure		
Hydraulic		

Moveable pulley		
Key Term	Page #	Example
Subsystem		
Kinetic energy		
Mechanical system		
Force		
Area		
Combustion		
Internal combustion engine		
Put all important formulas in the box below:		

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system		
Pneumatic system		
Hydraulic lift		