

## 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:
<i>Simple machine</i>		
<i>Lever</i>		
<i>Class 1 lever</i>		
<i>Class 2 lever</i>		
<i>Class 3 lever</i>		
<i>Fulcrum</i>		
<i>Effort Force</i>		
<i>Load Force</i>		
<i>Load Arm</i>		
<i>Effort Arm</i>		

Key Term	Page #	Definition & Example:
<i>Mechanical advantage</i>		
<i>Speed advantage</i>		
<i>Winch</i>		
<i>Wheel and axle</i>		
<i>Gear &amp; Gear Train</i>		
<i>Driver gear</i>		
<i>Follower gear</i>		
<i>Speed ratio</i>		
<i>Pulley</i>		
<i>Fixed pulley</i>		

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

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

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<i>system</i>		
<i>Pneumatic system</i>		
<i>Hydraulic lift</i>		

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