

Work

- Definition
 - force applied over a distance
 - distance must be in the same direction as the force
 - SI Unit of Joules
- Equation (Linear)
 - Work = Force x Distance
 - $-W = F \times D$





Compound Machines

- Two or more simple machines linked so that the resistance force of one machine is the effort force of the next machine.
- To determine the mechanical advantage of a compound machine, multiply the mechanical advantages of all the simple machines.

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