

VSVS

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Examples of Energy

1. The Sun
2. Microwave
3. A moving bowling ball

Potential Energy → Energy stored in an object

Kinetic Energy → Energy from movement of an object

Mechanical Energy → Sum of Potential and Kinetic energies

$$KE = \frac{1}{2} \cdot m \cdot v^2$$

$$PE = m \cdot g \cdot h$$

$$g = 9,81 \text{ m/s}^2$$

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Science 3/3

Rockets

Gravity

Space Shuttle

Saturn V