

Comparison Table

- C** Communicate Targeted Concepts
- O** Obtain the Overall Concepts
- M** Make lists of Known Characteristics
- P** Pin down Like Characteristics
- A** Assemble Like Categories
- R** Record Unlike Characteristics
- I** Identify Unlike Categories
- N** Nail Down a Summary
- G** Go Beyond the Basics

② Overall Concept

Forms of energy

① Concept

Kinetic energy

① Concept

Potential energy

③ Characteristics	③ Characteristics
<p>Mass</p> <p>Velocity</p>	<p>Mass</p> <p>Gravity</p> <p>Height</p>

⑨ Extensions

Design a Rube Goldberg machine that includes at least 6 transfers of energy. Label each transfer.

④ Like Characteristics

mass

⑤ Like Categories

Matter

⑥ Unlike Characteristics	⑥ Unlike Characteristics
<p>Velocity</p>	<p>Gravity</p> <p>Height</p>

⑦ Unlike Categories

Stored energy

Moving energy

⑧ Summary

Kinetic and potential energy are forms of energy that are alike in they depend on matter and different in that one is the energy of movement and the other is stored energy.