



## Energy Chains – Grade Seven

**Ohio Standards  
Connection:**

**Physical Science**

**Benchmark D**

Describe that energy takes many forms, some forms represent kinetic energy and some forms represent potential energy; and during energy

**Lesson Summary:**

In this lesson, students learn about energy transformations and will be able to trace them in a simple closed system. *Students will build energy “chains,” of their own design. Students will complete a hands-on project where they will attach the “links” in a “chain” connecting a battery (chemical energy), wires (electrical energy), and a small motor (mechanical energy), and then add additional “links” of their choice. Students will complete a flowchart tracing the energy transformations in the finished project. The Pre*