

Key Vocabulary
Unit One: Energy Conversions
Grade 4

argument: the use of evidence to say why one idea is the best

claim: a proposed answer to a question

convert: to change from one form to another

converter: something that changes from one form to another

criteria: the things that engineers think about and test in order to know how well something solves a problem

design: to try to make something new that solves a problem

electrical device: a machine that converts electrical energy to another form of energy

electrical energy: the form of energy that is transferred through wires

electrical grid: wires that transfer electrical energy from many sources to many other places

energy: the ability to make things move or change

engineer: a person who uses science knowledge to design something in order to solve a problem

evidence: information that supports an answer to a question

form (of energy): type or kind (of energy)

function: what something can do

source: the place where something comes from

synthesize: to put together multiple pieces of information in order to understand something

system: a group of parts that work together

transfer: to move something from one place to another