

FOSS Energy Module
Vocabulary/Glossary Terms
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Investigations Guide Vocabulary

Investigation 1: Energy and Circuits

battery
bulb base
bulb casing
circuit
closed circuit
component
conductor
contact point
d-cell
electric current
electricity
energy
energy source
filament
insulator
light
lightbulb
metal
motion
motor
open circuit
parallel circuit
series circuit
shaft
short circuit
switch
system
terminal
transfer
wire

Investigation 2: The Force of Magnetism

attract
compass
force
gravity
induced magnetism
interact
iron
magnet
magnetic field
magnetism
north pole
opposite

permanent magnet
pole
repel
south pole
steel
temporary magnet

Investigation 3: Electromagnets

code
coil
core
electromagnet
electromagnetism
key
rivet
telegraph

Investigation 4: Energy Transfer

collide
collision
friction
fuel
heat
kinetic energy
potential energy
sound
stationary
transfer of energy

Investigation 5: Waves

amplitude
compression
cycle
frequency
mirror
peak
ray
reflect
reflection
refract
refraction
solar cell
trough
wave
wavelength

Science Resources Vocabulary

Investigation 1: Energy and Circuits

battery
circuit
closed circuit
coil
complete circuit
component
constraint
contact point
criteria
electric current
electricity
energy
energy source
engineer
filament
generator
heat
incomplete circuit
light
light source
lightbulb
motion
motor
open circuit
parallel circuit
prototype
series circuit
solar cell
solution
sound
stored energy
technology
tool
wire
work

Investigation 2: The Force of Magnetism

attract
compass
force
induced magnetism
interact
iron
magnet
repel
magnetic field
magnetism
north pole
orient

permanent magnet
pole
south pole
temporary magnet

Investigation 3: Electromagnets

code
core
electromagnet
electromagnetism
frequency
key
mirror
pitch
telegraph
vibration

Investigation 4: Energy Transfer

absorb
accelerate
fossil fuel
gravity
kinetic energy
load
newton (N)
potential energy
speed

Investigation 5: Waves

amplitude
crest
oscillation
oscilloscope
peak
property
reflection
refraction
sine wave
sound source
trough
wavelength