

Attract

Atom

Battery

To pull toward

The smallest unit
of an element; it
contains protons,
neutrons and
electrons

A device that
stores and
produces electrical
energy

Complete
(closed)
Circuit

Compass

Conductor

An unbroken path
that allows an
electric current to
flow through it

An instrument with a
free roaming magnetic
needle which
determines direction
by pointing to the
magnetic north pole

An object or
material which
allows heat or
electricity to flow
through it easily

Current
Electricity

Electromagnet

Electricity

A form of
electricity that
flows continuously
through a
conductor

A temporary magnet
made by wrapping a
wire around a core; it
becomes magnetized
when an electric
current flows through
it

The flow and
movement of
energy through
systems or circuits

<p>Incomplete (open) Circuit</p>	<p>Insulator</p>	<p>Load</p>
<p>A circuit with a gap in it that prevents electricity from flowing through</p>	<p>An object of material which does not allow electricity to flow through it</p>	<p>An item that uses electricity to do work, like a lightbulb</p>

Magnet

Magnetism

Magnetic
Field

Any material that
can attract iron,
steel or other
metals

The ability of an
object to attract
metal or another
metal object

The area in which
a magnetic force
can be felt or
measured

Magnetic
Force

Natural
Magnet

Pathway

The attracting or
repelling force
between a magnet
and an object

Stones found in the
earth's crust that
can attract iron
such as magnetite
or lodestone

A course through
which electricity
can flow

Permanent
Magnet

Power-
source

Properties

A magnet that
retains its
properties when
the magnetizing
force has been
removed

A device that
supplies electricity
to a circuit

The qualities or
traits of something

Repel

Static
Electricity

Switch

To push away

An electrical charge that builds up due to friction between two materials; it is caused by electrons "jumping" from one atom to another

A gap in an electric circuit that can be opened or closed

Temporary
Magnet

Positive
Charge

Negative
Charge

A magnet that
loses its properties
when the
magnetizing force
is removed

An electrical
charge created by
having fewer
electrons than
protons

An electrical
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having fewer
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