



What is electricity?

Use the words below to fill in the blanks and complete each sentence.

Electricity is a _____ of _____.

Electricity has the _____ to heat and _____, to _____, to move things, and to make things _____.

To _____ the basics of _____, it's helpful to understand the basics of the _____.

Atoms are microscopic _____ that make up all _____.

An atom is made up of even smaller particles called _____, _____, and _____.

Protons have a _____ charge (+), neutrons are _____, and electrons have a _____ charge (-).

Atoms have a _____ known as the _____, which is made up of protons and neutrons - together they are positively _____.

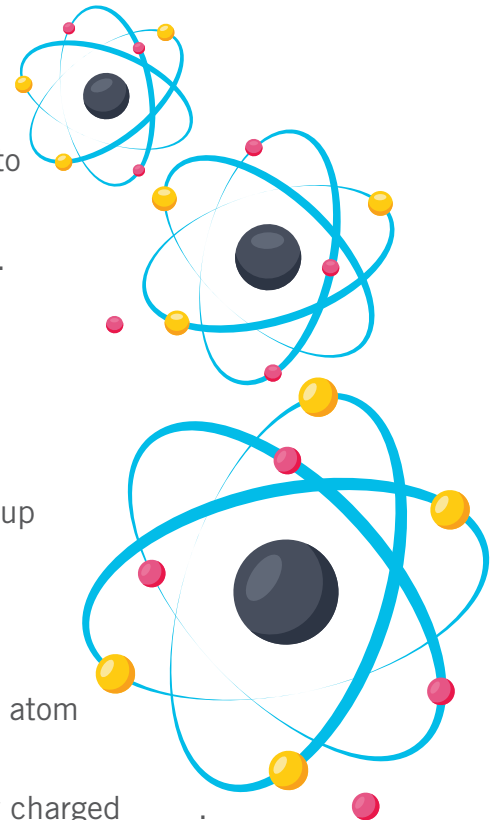
The positively charged nucleus of the atom _____ and is circled by negatively charged electrons.

Electrons are very _____ and sometimes they _____ from atom to atom.

An atom that has more electrons than protons becomes a negatively charged _____.

When electrons jump from atom to atom, a _____ of electricity occurs.

Electricity is a secondary _____ of energy _____ from the _____ of renewable and non-renewable primary sources such as nuclear fission, water, natural gas, solar, wind, and biomass.



atom
attracts
center
charged
conversion
cool
current

electricity
electrons
energetic
energy
form
generated
ion

jump
light
matter
negative
neutral
neutrons
nucleus

particles
positive
power
protons
source
understand
work

Student name: _____

Grade: _____

Teacher name: _____