

SCIENCE STARTERS

Electricity





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Electricity Is Everywhere!



Think about what you do each day.
You turn on lights. You watch TV.
These activities use electricity.



Electricity is everywhere.
It is in the ground and
air. It is in you!



What Is Electricity?

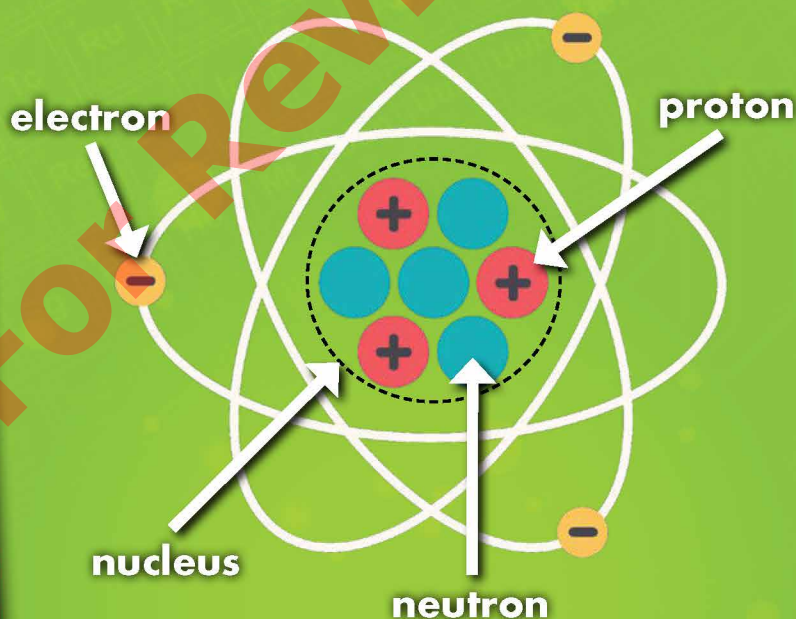


Electricity is a type of **energy**. It makes things work. Electricity begins with tiny **atoms**. They make up everything!



Atoms have three smaller parts. **Protons** and **neutrons** are in the atom's center, or nucleus. **Electrons** move around outside the nucleus.

Parts of an Atom





Protons have a positive **charge**.
Electrons have a negative charge.
The **attraction** between opposite
charges keeps electrons moving.



Electricity happens
when electrons
jump from one atom
to another.

