**Electricity Study Guide**

**Core Knowledge First Grade**

Electricity is energy that helps us work.

Electricity travels in a loop called a circuit.

A conductor is something that electricity can travel through to reach a different point.

An insulator is material that doesn’t allow electricity to flow through it.

A car starts by using electricity from a battery.

Everything is made up of Atoms. Atoms consist of electrons, protons, and neutrons which can carry an electrical charge.

Thomas Alva Edison was a successful inventor who invented many things including the light bulb.

Static Electricity is caused by friction. It is an interesting thing that happens in nature, but it isn’t useful to us in everyday life. We have to collect and control electricity before it can be used.

Current Electricity is powerful and dangerous. We use current electricity to run machines like heaters, stoves, vacuum cleaners, and dishwashers.