



## Electricity Vocabulary

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1. Charge—The amount of extra positive or negative particles that an object has.
2. Static Electricity—An electric charge that stays on an object.
3. Electric Field—The space around an object in which electric forces occur.
4. Neutral Charge—Equal number of positive and negative charges.
5. Electric Current—A flow of electric charges.
6. Circuit—A path that is made for an electric current.
7. Electric Cell- (A battery)—supplies energy to move charges through a circuit.
8. Resistor—A material that resists but doesn't stop the flow of an electric current (converts one type of energy into another).
9. Series Circuit—A circuit that has only one path for the electric current to travel.
10. Parallel Circuit—A circuit that has more than one path for an electric current to travel



## Sound Vocabulary

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1. Sound—Vibrations that you can hear.
2. Compression—Areas where air is pushed together.
3. Sound Wave—Quickly moving areas of high and low pressure.
4. Amplitude—The height of a sound wave. The taller the wave, the louder the sound.
5. Wavelength—The distance in a straight line from one ripple of a wave length to another.
6. Loudness—The measure of the amount of sound energy reaching your ears.
7. Pitch—The measure of how high or low a sound is.
8. Speed of Sound—The speed at which sound waves travel.
9. Echo—A sound reflection. Smooth surfaces produce the clearest echo.
10. Sonic Boom—Is created by objects that are traveling faster than the speed of sound. It sounds like a double boom.



## Force and Motion Vocabulary

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1. **Position**—A certain place.
2. **Motion**—Any change of position.
3. **Frame of Reference**—All the things around you that you can sense and use to describe motion.
4. **Relative Motion**—A motion that is described based on a frame of reference.
5. **Speed**—Is a measure of an object's change in position during a unit of time.
6. **Force**—A push or pull.
7. **Acceleration**—Any change in the speed or the direction of an object's motion.
8. **Newton**—A metric unit used to measure force.