

# Lesson 2 Name \_\_\_\_\_

## Charge & Electricity – 8<sup>th</sup> Grade Science

*Directions: Decipher the Code message listed below to uncover the sentences. Place the answers directly below the Code.*

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

1. \_\_\_\_\_ charge is a property that leads to electromagnetic  
12 5 3  
interactions between the particles that make up matter.
2. \_\_\_\_\_ occurs when two objects are rubbed together, causing a  
6 3 15 14  
transfer of electrons between the objects.
3. \_\_\_\_\_ is a way of rearranging the charges within an object  
14 4 21 3  
without touching it.
4. \_\_\_\_\_ electricity is the build up of electric charge on an object.  
20 1 3
5. An electrical \_\_\_\_\_ is a material through which charges can  
3 4 21 18  
move freely. Many of these are metals.
6. An electrical \_\_\_\_\_ is a material through which charges cannot  
14 19 12 1 18  
move easily. The electrons are tightly held in the atoms of the insulator. Plastic, rubber, glass, and dry air are good examples of these.