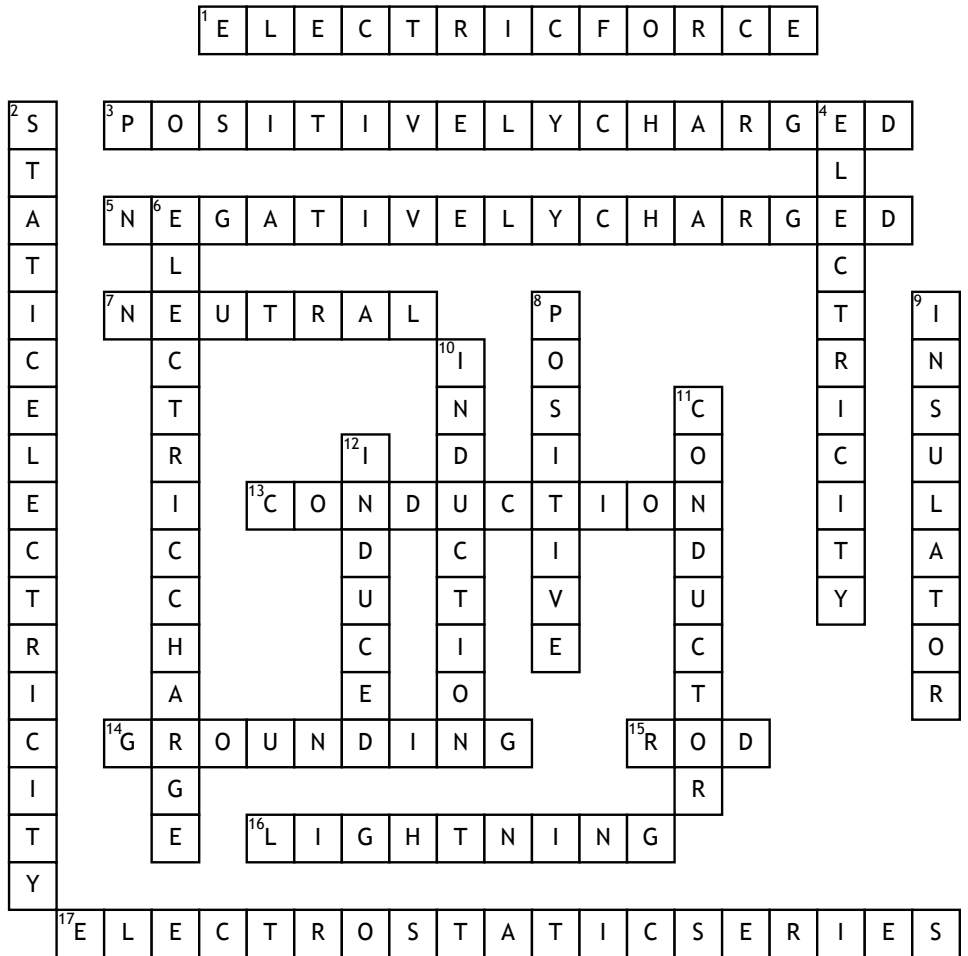


Static Electricity

Across

1. the force exerted by an object with an electric charge
3. an object with fewer electrons than protons
5. an object that has more electrons than protons
7. object with an equal number of electrons and protons
13. charging an object by contact with a charged object: charging by _____
14. connecting an object to a large body, like Earth, to remove an electric charge
15. used to direct lightning through a safe path to the ground: lightning _____



16. a very dramatic electric discharge
17. a list of materials arranged in order of their tendency to gain electrons

Down

2. imbalance of electric charge on the surface of an object
4. static electricity is a useful form of _____
6. a form of charge - positive or negative
8. a positively charged sub-atomic particle

9. a material that does not easily allow electrons to move through it

10. charging an object by bringing a charged object close to, but not touching, a neutral object: charging by _____

11. a material that allows electrons to move easily through it

12. a shift in the position of electrons in a neutral object when a charge is near: _____ charge separation

