

medium	vibrations	negative	repel	concave
vibrate	poles	electrons	least	reflects
transverse	attract	magnetic	only one	plan
longitudinal	atom	field	path	
vacuum	nucleus	electric	many paths	
decibels	protons	current	refraction	

Brainpop Waves

1. The material through which a wave travels is called a _____.
2. Waves are created when a source of energy causes a medium to _____.
3. Waves that cause the particles to move in an upward and downward direction are called _____.
4. Waves that cause the particles to move back and forth are called _____.

Brainpop Sound

5. Sound can not travel through the _____ of outer space.
6. Loudness, or sound level, is measured in units called _____.
7. The frequency of a sound wave is the number of _____ that occur per second.

Brainpop Magnetism

8. Every magnet, regardless of its shape, has two magnetic _____.
9. The north and south poles of two magnets will _____.

Brainpop Atomic Model

10. The smallest type of matter made of protons, neutrons, and electrons is a(n) _____.
11. The center of an atom is called the _____.
12. _____ are positively charged particles.
13. Electrons have _____ charges.
14. In orbit around the center of an atom you will find _____.

Brainpop Electric Circuits

15. An electric current produces a(n) _____.
16. An electromagnet is a strong magnet that can be made by a(n) _____.
17. Charges that are alike will _____.
18. An electric current will always follow the path of _____ resistance.
19. In a series circuit there can be _____.
20. In a parallel circuit there can be _____.

Brainpop Light

21. Light _____ or bends as it enters a new medium.
22. A lens that is thinner at the center than at the edges: _____
23. You see people and objects because light _____ off them.
24. When the surface of a mirror is flat it is a _____ mirror.