

Quizlet

Energy ELM

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|-------------------------------|---|---------------------------------|--|
| 1. Absorb (absorption) | To take in and hold inside | 23. Radiation | The movement of thermal (heat) energy by electromagnetic waves, such as light waves from the sun |
| 2. Conduction | The direct transfer of heat between objects that touch | 24. reflect (reflection) | When light rays bounce off an object |
| 3. Conductor | A material that allows energy to flow through it easily | 25. Refract (refraction) | When light rays bend |
| 4. Convection | Heat moving from one object to another caused by mixing a liquid or gas | 26. Simple Machine | A device with few or no moving parts that changes the size or direction of a force |
| 5. Diagram | A plan, sketch, drawing, or outline made to show how something works or to show the way parts are put together | 27. Solar Energy | Energy from sunlight |
| 6. Electric Current | A closed path where electricity can flow | 28. Sound Energy | A change in matter by vibrating objects |
| 7. Electricity | Energy that flows through a circuit and can create light, heat, magnetism, sound, or other effects. | 29. Thermal Energy | Heat energy caused by the movement of molecules in a object |
| 8. Electromagnetic | A temporary magnet created when the electricity passes through wire wrapped around an iron bar | 30. Vibrate | To move back and forth |
| 9. Energy | The ability to make a change in matter | 31. Volume | The loudness or amount of a sound |
| 10. Force | A push or a pull that causes an object to move, stop, or change direction | | |
| 11. Fossil Fuels | Materials formed from decayed remains of ancient plants and animals that are burned to produce heat; coal, oil, and natural gas | | |
| 12. Friction | A force that resists motion when objects rub against each other | | |
| 13. Gravity | The force that pulls all things in the universe toward each other; the force that pulls things down on Earth | | |
| 14. Insulator | A material that DOES NOT ALLOW energy to flow through it easily | | |
| 15. Interaction | the effect that objects, organisms, or substances have when they connect with each other | | |
| 16. Kinetic Energy | Energy of a material in motion | | |
| 17. Light energy | A form of energy that travels in waves and can be seen with our eyes | | |
| 18. Magnetism | A force that pulls iron or steel across a distance; a force that attracts or repels magnetic material | | |
| 19. Mechanical Energy | Energy of motion | | |
| 20. Motion | A change in the position of an object | | |
| 21. Pitch | How high or low a sound is | | |
| 22. Potential Energy | Energy that is stored in a material because of its position or condition | | |