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| **concept** | **weight** |
| Electrical current transmits energy through moving electric charges. | Core |
| Motion is the change in position of an object. | Peripheral |
| Energy can be moved from place to place by sound. | Core |
| Sound transmits energy through vibrations in materials. | Core |
| Light transmits energy through electromagnetic waves. | Core |
| Energy can be moved from place to place by light. | Core |
| Energy can be moved from place to place by electric currents. | Core |
| Energy can be moved from place to place by moving objects. | Core |
| The energy transmitted by mechanical processes, light, sound, and electrical current can be used in many common applications. | Core |
| Moving objects contain energy. | Peripheral |
| The energy of motion is a kind of mechanical energy. | Peripheral |
| Waves transmit energy from one location to another, but they do not transmit matter. | Peripheral |
| The energy of motion is called kinetic energy. | Peripheral |