

7th Grade Science Vocabulary Matching 2

Write the word that best matches each definition or clue.

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| 1. <u>ACCELERATION</u> | The rate at which velocity changes over time. |
| 2. <u>GRAVITY</u> | The force that objects exert on each other because of their masses. |
| 3. <u>TORNADOES</u> | A violently rotating column of air stretching from a cloud to the ground. |
| 4. <u>WATER VAPOR</u> | Water in its gaseous state; totally invisible. |
| 5. <u>INERTIA</u> | The resistance of an object to a change in the speed or the direction of its motion. |
| 6. <u>MECHANICAL ADVANTAGE</u> | The number of times a machine multiplies the input force; output force divided by input force. |
| 7. <u>CORIOLIS EFFECT</u> | The influence of Earth's rotation on objects that move over Earth. |
| 8. <u>FORCE</u> | A push or pull; something that changes the motion of an object. |
| 9. <u>COMPOUND MACHINES</u> | A machine that is made up of two or more simple machines. |
| 10. <u>TROPOSPHERE</u> | We live here; weather occurs here; contains 80% of the atmosphere's mass. |
| 11. <u>MAGNET</u> | Produces magnetic field. |
| 12. <u>FRICTION</u> | A force that resists the motion between two surfaces in contact. |
| 13. <u>KINETIC ENERGY</u> | The energy of motion. |
| 14. <u>GREENHOUSE EFFECT</u> | The process by which certain gases in a planet's atmosphere absorb and emit infrared radiation, resulting in an increase in surface temperature. |
| 15. <u>ENERGY</u> | The ability to do work or heat objects. |

tornadoes

greenhouse effect

force

compound machines

magnet

inertia

troposphere

friction

energy

mechanical advantage

gravity

acceleration

kinetic energy

water vapor

coriolis effect