

7th Grade Science Vocabulary Matching 14

Write the word that best matches each definition or clue.

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

force

kinetic energy

acceleration

compound machines

inertia

mechanical advantage

troposphere

energy

magnet

coriolis effect

greenhouse effect

water vapor

tornadoes

gravity

friction