

**List the 5 or 6 different forms of energy.**

**Jessica has a nail and battery. What else is needed to make an electromagnet?**

**A television is designed to change electrical energy into which forms of energy?**

**Insulation keeps a house warm because it does not let \_\_\_\_\_ pass through easily.**

**Cutting wood is an example of a physical change.  
TRUE or FALSE**

**A solution is a type of mixture.  
TRUE or FALSE**

**Astronauts cannot use sound to communicate in space. Why can sound waves not travel in space?**

**A rainbow is an example of light being \_\_\_\_\_.**

**Light strikes an object and bounces back toward its source. What is this change in direction called?**

**Sound is caused by \_\_\_\_\_.**

<p><b>Light traveling through a pair of eyeglasses is —</b></p>	<p><b>Electricity flowing through a circuit is lighting up a light bulb. What forms of energy is the light bulb producing?</b></p>
<p><b>When light passes through water, the light rays change direction. This is called—</b></p>	<p><b>One difference between an electromagnet and a bar magnet is that the magnetic field produced by an electromagnet can be —</b></p>
<p><b>Which of the following is a conductor of electricity? A SAFETY PIN <u>OR</u> WOODEN SPOON</b></p>	<p><b>Wires connecting a battery and a light bulb create a closed circuit. What would happen if one of these wires were cut?</b></p>
<p><b>Sound is made when a drumstick hits a drum. This happens because force of the drumstick on the drum causes —</b></p>	<p><b>Which of the following is attracted to a magnet? GLASS MARBLE <u>OR</u> IRON NEEDLE</b></p>
<p><b>Matter can undergo changes. When water boils, it changes states of matter from a _____ into a _____.</b></p>	<p><b>A student stirs together a mixture of hot water and small amounts of salt, sand, and sugar. The student then pours the mixture through a filter. Which substance or substances will collect on the filter?</b></p>

Carbon powder and iron filings are both black powders. When mixed together, they look like one black powder. Which would be best to use to separate the iron filings from the carbon powder? Magnet OR Hand Lens

Any material that allows heat energy or electricity to pass through it easily is called a \_\_\_\_\_.

Describe how to separate salt and sand.

A fifth grade student added some salt, sugar, sand, and rocks to a jar of water and then shook it up to mix everything together. Which substances kept the same physical properties when mixed with the water?

What is the boiling point for water?

What is the freezing point for water?

What force is most likely to cause a basketball thrown into the air to return to the ground?

Which force is most responsible for raindrops falling to Earth?

A glass of ice water was left on the table for several minutes. Soon, there were drops of water all over the outside of the glass. What happened to cause those drops to appear ?

Why does ice float in water?

**Which of these processes takes place when water changes from a liquid to a gas?**

**Which of these processes takes place when water changes from a gas to a liquid?**

**The process by which moisture in the air changes to liquid is called \_\_\_\_\_.**

**The measure of the pull of gravity on an object is called \_\_\_\_\_.**

**\_\_\_\_\_ is the rapid back-and-forth movement that produces sound.**

**The amount of space that an object or a substance takes up is called \_\_\_\_\_.**

**A mixture with one substance spread out so evenly in another substance that you can not tell the two substances apart is called a \_\_\_\_\_.**

**\_\_\_\_\_ is a form of energy that is produced by vibrating objects.**

**The bending of light rays as they move from one material into another material is called \_\_\_\_\_.**

**\_\_\_\_\_ is the bouncing back of light rays from a surface.**

**Water that falls to the Earth's surface as rain, snow, sleet, or hail is called \_\_\_\_\_.**

**A \_\_\_\_\_ change is a change from one form into another without turning into a new substance.**

**A combination of two or more substances that do not form a new substance is called \_\_\_\_\_.**

**When a substance changes from a solid to a liquid it is called \_\_\_\_\_.**

**\_\_\_\_\_ is a force that pulls magnetic materials across a distance.**

**\_\_\_\_\_ is the amount of matter in an object or substance.**

**A material that does not allow heat energy, electricity, or sound energy to pass through it easily is called an \_\_\_\_\_.**

**A force between two surfaces rubbing against each other is called \_\_\_\_\_.**

**To change from a liquid to a solid when the temperature drops is called \_\_\_\_\_.**

**\_\_\_\_\_ is the process of changing a liquid into a gas. For example, when liquid water becomes water vapor.**