

Name: _____

Question	Monday (11.26.2018)	Tuesday (11.27.2018)	Wednesday (11.28.2018)	Thursday (11.29.2018)
1	<p>Which best describes how the sun's energy impacts the process of precipitation?</p> <p>a. The sun's energy causes water to collect into oceans, which evaporates into the atmosphere, then forms into clouds.</p> <p>b. The sun's energy causes water to evaporate into the atmosphere, which forms into clouds, then condenses into the oceans.</p> <p>c. The sun's energy changes liquid water into vapor, which condenses into clouds, then falls back to the earth as rain, sleet, or snow.</p> <p>d. The sun's energy changes liquid water into clouds, which condenses into vapor, then falls back to the earth as rain, sleet, or snow.</p>	<p>A teacher wants to prove when an object is burned, its total mass is the same before and after the reaction. Which is the best way for the teacher to prove this?</p> <p>a. burn the object in a closed container.</p> <p>b. burn the object outside on a nice day.</p> <p>c. add water to the object after it is burned.</p> <p>d. split the object into two equal pieces before burning.</p>	<p>Students are conducting experiments in science class. In which experiment will the students most likely observe a new material being formed?</p> <p>a. melting ice in containers at different temperatures.</p> <p>b. dissolving different amounts of salt into water.</p> <p>c. boiling the same amount of different liquids.</p> <p>d. burning different types of paper.</p>	<p>Two dogs are pulling on a toy in opposite directions. Which could cause the toy to move in a specific direction?</p> <p>a. if there is no friction acting on the toy.</p> <p>b. if there is no gravity acting on the toy.</p> <p>c. if the dogs keep pulling with the same amount of force.</p> <p>d. if one dog begins pulling with a greater amount of force.</p>
2	<p>A scientist measured the temperature every day for two months. She observed that on days the sky was mostly cloudy, the temperature was cooler than days the sky was mostly sunny. Which best describes the reason for this pattern?</p> <p>a. The clouds blocked radiation from the sun, causing cooler temperatures.</p> <p>b. The clouds blocked conduction from the sun, causing cooler temperatures.</p> <p>c. The clouds allowed more radiation from the sun to reach the Earth's surface.</p> <p>d. The clouds allowed more conduction from the sun to reach the Earth's surface.</p>	<p>A chef is wearing gloves while he gets a hot pan out of the oven. Which best explains why the chef needs to wear gloves while he is carrying the hot pan?</p> <p>a. The gloves protect his hands from convection heat in the hot pan.</p> <p>b. The gloves protect his hands from heat that is radiated through the hot pan.</p> <p>c. The gloves protect his hands from heat that is conducted through the hot pan.</p> <p>d. The gloves protect his hands from heat that enters the pan from the surrounding air.</p>	<p>Which best explains how convection causes a hot air balloon to stay in the air?</p> <p>a. The heat is falling and replacing cooler air.</p> <p>b. The heat is produced from the rising of air currents.</p> <p>c. The heat is absorbed through the balloon from the sun.</p> <p>d. The heat is rising and circulating, causing the balloon to stay up in the air.</p>	<p>A cup of cold water was placed on a counter in a hot room. After a short time, it was observed the water in the cup was no longer cold. Which best explains why the water in the cup is no longer cold?</p> <p>a. The coldness of the water transferred to the air, making the water in the cup warmer.</p> <p>b. The coldness of the water was conducted to the cup, making the water in the cup warmer.</p> <p>c. The heat from the air transferred to the water in the cup, making the water in the cup warmer.</p> <p>d. The heat from the air caused the cold water in the cup to condense, making the water warmer.</p>

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3	<p>Which best explains why metal is a good material to make frying pans?</p> <p>a. Metal is a good conductor of heat and transfers heat from the stove to the food.</p> <p>b. Metal is a good conductor of heat and does not transfer heat from the stove to the food.</p> <p>c. Metal is a poor conductor of heat and transfers heat from the stove to the food.</p> <p>d. Metal is a poor conductor of heat and does not transfer heat from the stove to the food.</p>	<p>Which best explains why a refrigerator is usually not made completely out of metal?</p> <p>a. Metal will not transfer heat, which allows the refrigerator to remain cool.</p> <p>b. Metal easily transfers heat, which would warm the inside of the refrigerator.</p> <p>c. Metal would heat up quickly on the outside, making the door too hot to touch.</p> <p>d. Metal cools quickly, causing the refrigerator to be too cold and freeze the food inside.</p>	<p>Which best explains why there are gaps between the concrete sidewalks?</p> <p>a. When temperatures get cold, the gaps allow the concrete to expand without cracking.</p> <p>b. When temperatures get hot, the gaps allow the concrete to expand without cracking.</p> <p>c. When temperatures get cold, the gaps allow the concrete to contract without cracking.</p> <p>d. When temperatures get hot, the gaps allow the concrete to contract without cracking.</p>	<p>Why should a person leave space at the top of a plastic bottle when it is filled with water and then frozen overnight?</p> <p>a. Water expands when frozen, so the water will need more space.</p> <p>b. Water contracts when frozen, so the water will need more space.</p> <p>c. Plastic contracts when frozen, so the water will need more space.</p> <p>d. Plastic expands when frozen, so the water will need more space.</p>
Number Correct (Out of 3)	_____/3	_____/3	_____/3	_____/3