

Name: \_\_\_\_\_

Question	Monday (3.25.2019)	Tuesday (3.26.2019)	Wednesday (3.27.2019)	Thursday (3.28.2019)
1	<p>How do sea breezes form?</p> <p>a. They form when both the land and the ocean have cooler temperatures and air sinks over both areas.</p> <p>b. They form when both the land and the ocean have warmer temperatures and air rises on the ocean and the land.</p> <p>c. They form because the land warms up more quickly than the cooler ocean waters. Air over land begins to rise and cooler air from the ocean comes in to replace it.</p> <p>d. They form because the ocean warms up more quickly than the cooler land masses. Air over the ocean begins to rise and cooler air from the land goes out to replace it.</p>	<p>A bee depends on certain flowers for food. The flowers depend on the bee to:</p> <p>a. make sugars for photosynthesis.</p> <p>b. remove wastes for healthy growth.</p> <p>c. carry pollen for reproduction.</p> <p>d. sting herbivores for protection.</p>	<p>The number of frogs in and around a lake suddenly increases. How will this increase <b>most likely</b> affect the ecosystem?</p> <p>a. There will be less water in the lake.</p> <p>b. The plant population will increase.</p> <p>c. The fish population will increase.</p> <p>d. The insect population will decrease.</p>	<p>In the Summer and early Fall, why do North American meteorologists watch low pressure areas forming on the western side of northern Africa near the equator?</p> <p>a. When precipitation increases in Northern Africa, precipitation always increases in the United States.</p> <p>b. A hurricane could form in the warm ocean waters, travel toward the West in the Trade Winds, and it could impact the coastal areas of North America.</p> <p>c. Low pressure brings sunny, dry weather. They want to see how this will impact South America.</p> <p>d. Low pressure areas that form off of Africa increase the possibility of tornadoes forming in the central United States.</p>
2	<p>What happens to metal railroad tracks during the heat of a summer day?</p> <p>a. decrease in weight</p> <p>b. increase in weight</p> <p>c. decrease in length (contract)</p> <p>d. increase in length (expand)</p>	<p>Why is it important to have a house insulated in the winter?</p> <p>a. Insulation heats up the air inside the house.</p> <p>b. Insulation causes warm air to rise and cold air to sink.</p> <p>c. Heat energy always transfers cold to hot, so it is keeping the cold from transferring to the inside.</p> <p>d. Heat energy always transfers hot to cold, so it is keeping the warm air inside the house.</p>	<p>Which type of weather <b>most likely</b> results from a warm front moving into an area?</p> <p>a. The temperature increases, and cumulus clouds appear.</p> <p>b. There is an increase in temperature, and stratus clouds appear.</p> <p>c. The temperature decreases, and stratus clouds appear.</p> <p>d. There is a decrease in temperature, and no clouds appear.</p>	<p>A girl walked for 30 minutes. She noticed that she traveled farther in the first 15 minutes of her walk than in the second 15 minutes. What can she conclude about her walk?</p> <p>a. She walked over many hills.</p> <p>b. Her average speed was faster during the first half of her walk.</p> <p>c. She walked in two different directions.</p> <p>d. She was walking at a constant speed.</p>

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3	<p>Which would be the <b>most likely</b> result if all the producers in an area were destroyed?</p> <p>a. Herbivores in the area would become carnivores in order to survive.</p> <p>b. The number of all of the organisms in the area would increase.</p> <p>c. Different types of animals would move into the area.</p> <p>d. The number of consumers would greatly decrease.</p>	<p>Which <b>best</b> describes why winds at the beach change direction between day and night?</p> <p>a. because the temperatures over land and over water change.</p> <p>b. because warm air over land sinks and stays in place over land.</p> <p>c. because cool air rises and is replaced by warm air from the ocean.</p> <p>d. because cool air sinks and stays in place over land.</p>	<p>Which is an example of convection?</p> <p>a. Receiving heat while sitting by a campfire.</p> <p>b. A spoon becoming warmer in a bowl of soup.</p> <p>c. Warmer water on the surface of a swimming pool.</p> <p>d. A warm park bench in the summer time.</p>	<p>When pushed with the same amount of force across a desk, which toy car would <b>most likely</b> travel the fastest?</p> <p>a. A car with a mass of 15 grams.</p> <p>b. A car with a mass of 20 grams.</p> <p>c. A car with a mass of 25 grams.</p> <p>d. A car with a mass of 10 grams.</p>
Number Correct (Out of 3)	_____/3	_____/3	_____/3	_____/3