

Name: _____

Question	Monday (2.11.2019)	Tuesday (2.12.2019)	Wednesday (2.13.2019)	Thursday (2.14.2019)
1	<p>Low-pressure systems moving along the East Coast during winter months will most likely have which effect?</p> <p>a. Low temperatures and clear skies.</p> <p>b. Warm temperatures and partly cloudy skies.</p> <p>c. An increase in wind speed and clear skies.</p> <p>d. An increase in clouds and precipitation.</p>	<p>Which type of air pressure causes a storm to form on a spring day?</p> <p>a. Low pressure, causing air to rise, cool, and form water droplets.</p> <p>b. High pressure, causing air to rise, cool, and form water droplets.</p> <p>c. Low pressure, causing air to sink and bring water droplets to the ground.</p> <p>d. High pressure, causing air to sink and bring water droplets to the ground.</p>	<p>A cold air mass is moving toward a warm air mass, and cumulonimbus clouds are observed in the sky. Which weather conditions are most likely?</p> <p>a. A cool, rainy day.</p> <p>b. A cool, sunny day.</p> <p>c. A warm, rainy day.</p> <p>d. A warm, sunny day.</p>	<p>In the morning, a meteorologist noticed that the air pressure reading on the barometer was beginning to fall. What kind of weather should most likely be expected in the evening?</p> <p>a. The weather will be cloudy with a chance of rain.</p> <p>b. The weather will be warmer with clear skies.</p> <p>c. The weather will be clear and windy.</p> <p>d. The weather will be sunny and cool.</p>
2	<p>Which best explains how El Niño affects the jet stream?</p> <p>a. The jet stream is pushed north and results in increased precipitation.</p> <p>b. The jet stream is pushed south and results in increased precipitation.</p> <p>c. The jet stream is pushed north and results in decreased precipitation.</p> <p>d. The jet stream is pushed south and results in decreased precipitation.</p>	<p>How does the Gulf Stream impact hurricane development off the coast of the southeastern United States?</p> <p>a. Colder water from the Gulf Stream increases the speed and intensity of the hurricane.</p> <p>b. Colder water from the Gulf Stream decreases the speed and intensity of the hurricane.</p> <p>c. Warmer water from the Gulf Stream increases the speed and intensity of the hurricane.</p> <p>d. Warmer water from the Gulf Stream decreases the speed and intensity of the hurricane.</p>	<p>Which is most responsible for weather conditions in North Carolina?</p> <p>a. The temperature of the Pacific Ocean.</p> <p>b. The ocean temperature at the equator.</p> <p>c. The prevailing westerlies blowing from west to east.</p> <p>d. The trade winds near the equator.</p>	<p>How does a sea breeze affect the weather?</p> <p>a. It decreases land temperatures near the ocean.</p> <p>b. It increases land temperatures near the ocean.</p> <p>c. It decreases rain formation over land near the ocean.</p> <p>d. It increases the cloud coverage over the land near the ocean.</p>

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3	<p>A girl was sunburned at the beach, and her mother applied lotion to the burn. Why did this make her sunburn feel better?</p> <p><i>HINT: HOT TO COLD</i></p> <p>a. The coolness from the lotion was conducted into the burn.</p> <p>b. The coolness from the lotion was radiated into the burn.</p> <p>c. The heat from the burn was conducted into the lotion.</p> <p>d. The heat from the burn was radiated into the lotion.</p>	<p>Which is a way that a piece of paper can go through a chemical change?</p> <p>a. Fold the paper in half.</p> <p>b. Soak the paper in water.</p> <p>c. Burn the paper with fire.</p> <p>d. Cut the paper with scissors.</p>	<p>A rocket is traveling toward space. What force must the rocket act against as it moves away from Earth?</p> <p>a. gravity</p> <p>b. inertia</p> <p>c. magnetism</p> <p>d. momentum</p>	<p>Which most accurately explains the way clouds form?</p> <p>a. Warm water vapor hits warm air, changing the gas into a liquid, and forming a cloud.</p> <p>b. Warm water vapor hits cold air, changing the gas into a liquid, and forming a cloud.</p> <p>c. Warm water vapor hits warm air, changing the gas into a solid, and forming a cloud.</p> <p>d. Warm water vapor hits cold air, changing the gas into a solid, and forming a cloud.</p>
Number Correct (Out of 3)	_____/3	_____/3	_____/3	_____/3