

Name: _____

Question	Monday (2.25.2019)	Tuesday (2.26.2019)	Wednesday (2.27.2019)	Thursday (2.28.2019)
1	<p>What happens to a bucket of golf balls on the front seat of a car moving quickly and turning a corner?</p> <p><i>Hint: think about inertia and what objects in motion want to do</i></p> <p>a. The bucket turned quickly with the car and stayed upright.</p> <p>b. The bucket fell backward.</p> <p>c. The bucket fell forward.</p> <p>d. The bucket and the car were going straight. When the car turned, the bucket wanted to continue going straight, so it fell over.</p>	<p>Why is it important to have a house insulated in the winter?</p> <p><i>Hint 1: What is trying to happen with the heat?</i></p> <p><i>Hint 2: How does heat always travel? (From _____ to _____)</i></p> <p>a. To keep the cold from transferring to the inside of the house.</p> <p>b. To keep the heat from transferring to the outside of the house.</p> <p>c. Insulation heats up the air in the house.</p> <p>d. Insulation causes the heat in the house to rise.</p>	<p>What type of precipitation would you get if rain falls through freezing temperatures?</p> <p><i>Hint: assume the temperature stays the same all the way to the ground. Also notice this is rain falling, not going up and down in the clouds.</i></p> <p>a. Rain</p> <p>b. Snow</p> <p>c. Sleet</p> <p>d. Hail</p>	<p>When the climate of an area is known, which can most accurately be predicted?</p> <p><i>Hint: Weather is the conditions in the atmosphere at a particular place and time. Climate is the average weather over a long period of time.</i></p> <p>a. The daily weather forecast for the area next week. <i>(Does each day always have the same weather it did the year before during that week?)</i></p> <p>b. The humidity in the area during the day. <i>(Does each day always have the same humidity that it did the year before on that day?)</i></p> <p>c. The total number of storms that will occur in the area during the year. <i>(Do we always have the same number of storms every year?)</i></p> <p>d. The average temperature in the area for any month. <i>(Even if the temperatures are different from the year before, can we predict an average temperature that it should be for that month?)</i></p>

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2	<p>Which ecosystem has the greatest biodiversity?</p> <p>a. Desert</p> <p>b. Grassland</p> <p>c. Lake</p> <p>d. Ocean</p>	<p>Which best explains why tropical rainforests always have warm temperatures?</p> <p>a. They are at low altitudes.</p> <p>b. They are near the Equator.</p> <p>c. A canopy of trees traps heat.</p> <p>d. The many animals produce heat.</p>	<p>Which animal would you most likely find in a deciduous forest?</p> <p>a. Bison</p> <p>b. Deer</p> <p>c. Lion</p> <p>d. Panther</p>	<p>Which ecosystem would most likely contain fish that can only survive in freshwater?</p> <p>a. Estuary</p> <p>b. Lake</p> <p>c. Ocean</p> <p>d. Salt Marsh</p>
3	<p>Which is most likely the greatest challenge to organisms living in estuaries?</p> <p>a. The varying levels of salt.</p> <p>b. The animal diversity that exists.</p> <p>c. The amount of sunlight received.</p> <p>d. The changes in water temperature.</p>	<p>Which lists animals that live in an aquatic ecosystem?</p> <p>a. black bear, deer, vole</p> <p>b. ducks, turtles, amphibians</p> <p>c. panthers, monkeys, snakes</p> <p>d. prairie dogs, bison, grasshoppers</p>	<p>A group of ecologists were walking through a forest. They looked up and saw a monkey being chased by a panther. Which type of forest were they most likely visiting?</p> <p>a. Boreal Forest</p> <p>b. Deciduous Forest</p> <p>c. Estuary</p> <p>d. Tropical Rainforest</p>	<p>Which comparison of ecosystems is true?</p> <p>a. Tundras are warmer than grasslands.</p> <p>b. Deciduous forests get more rain than deserts.</p> <p>c. Deserts have more plants than rainforests.</p> <p>d. Rainforests are rockier than tundras.</p>
Number Correct (Out of 3)	_____ /3	_____ /3	_____ /3	_____ /3