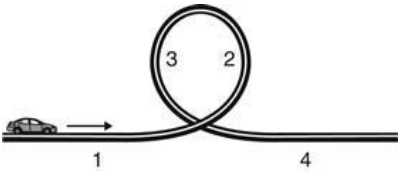


Name: \_\_\_\_\_

| Question | Monday (1.7.2019)   | Tuesday (1.8.2019)   | Wednesday (1.9.2019)   | Thursday (1.10.2019)   |
|----------|---|--|--|--|
| 1        | <p>A heat source is at the bottom of a beaker filled with water. How is the water at the top of the beaker the same temperature as the bottom?</p> <p>a. Heat from the burner radiates through the liquid and causes even heating.</p> <p>b. Evaporation heats the water at the top and the flame heats the water at the bottom.</p> <p>c. The walls of the beaker reflect heat toward the center, so the water heats evenly.</p> <p>d. Heated water molecules and steam rise in the beaker, carrying heat by convection.</p> | <p>Water is boiled and water vapor forms. Which <b>best</b> describes this process?</p> <p>a. A chemical change occurs because a completely new substance forms</p> <p>b. A chemical change occurs because the temperature of the water changes</p> <p>c. A physical change occurs because the water disappears as it is absorbed by air</p> <p>d. A physical change occurs because water and vapor are different states of the same substance</p> | <p>In the water cycle, which must happen directly before condensation?</p> <p>a. evaporation</p> <p>b. precipitation</p> <p>c. runoff</p> <p>d. transpiration</p>  | <p>A toy car goes from one side of the track to the other, as shown below.</p>  <p>At which point on the track does gravity most likely <b>increase</b> the speed of the toy car?</p> <p>a. 1</p> <p>b. 2</p> <p>c. 3</p> <p>d. 4</p>                 |
| 2        | <p>In which direction do weather patterns move in the United States?</p> <p>a. north to south</p> <p>b. south to north</p> <p>c. west to east</p> <p>d. east to west</p>  | <p>What is the <b>primary</b> cause of wind?</p> <p>a. The uneven heating of Earth.</p> <p>b. Precipitation falling to Earth.</p> <p>c. Many gases released into the air.</p> <p>d. Water evaporating in the atmosphere.</p>   | <p>A scientist wants to measure the amount of precipitation in her backyard for the month of January. Which weather instrument should she use?</p> <p>a. barometer</p> <p>b. rain gauge</p> <p>c. thermometer</p> <p>d. weather vane</p> | <p>Why is it important to know the different types of clouds?</p> <p>a. Clouds can indicate the time of day that it is.</p> <p>b. Clouds can indicate the type of weather that will occur.</p> <p>c. Clouds can indicate the temperature of different layers of the atmosphere.</p> <p>d. Clouds can indicate the different seasons.</p> |

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|---------------------------|--|---|--|--|
| 3                         | <p>Which information would be <b>most helpful</b> in determining the climate of a particular area?</p> <p>a. A news report of yesterday's weather.</p> <p>b. Today's data from a school weather station.</p> <p>c. Temperature records from the previous month.</p> <p>d. Local weather station weather records from the last ten years.</p> | <p>Over the last couple of days, the air pressure has been dropping. What weather will <b>most likely</b> occur as a result?</p> <p>a. Increasingly clear skies and more wind.</p> <p>b. Increasingly clear skies and dry weather.</p> <p>c. Increasingly cloudy skies and possible storms.</p> <p>d. Increasingly cloudy skies and fair weather.</p> | <p>Which instrument is used to determine air pressure?</p> <p>a. anemometer</p> <p>b. barometer</p> <p>c. hygrometer</p> <p>d. thermometer</p> | <p>A scientist observes and records cloud cover throughout the day. Which event could the scientist <b>most likely</b> predict if they observe increasing cumulonimbus clouds?</p> <p>a. The area will have sunny skies.</p> <p>b. The area will have precipitation.</p> <p>c. The area will have cooler temperatures.</p> <p>d. The area will have higher temperatures.</p> |
| Number Correct (Out of 3) | _____/3  | _____/3   | _____/3  | _____/3  |