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| **Weekly learning target:**  **6th Grade Earth Science**  **Warm Ups Week \_\_\_\_\_\_** | | | | | |
| **Monday** | **Tuesday** | | **Wednesday** | **Thursday** | **Friday** |
| PRESIDENT’S DAY—NO SCHOOL! ☺ | ACHIEVE 3000 | | Two major factors that scientists use to classify the climate of a region are   1. Temperature and climate 2. Temperature and altitude 3. Precipitation and temperature 4. Precipitation and altitude | Which of the following will heat the fastest?   1. Land 2. Water 3. They both heat equally fast | If the north end of Earth’s axis is tilted toward the Sun, it is \_\_\_\_\_\_\_\_\_\_ in the Northern Hemisphere.   1. Winter 2. Spring 3. Summer 4. Fall |
| PRESIDENT’S DAY—NO SCHOOL! ☺ | ACHIEVE 3000 | | Name 4 factors that affect temperature. | Name 3 factors that affect precipitation. | If the north end of the Earth’s axis is tilted away from the Sun, it is \_\_\_\_\_\_\_ in the Northern Hemisphere.   1. Winter 2. Spring 3. Summer 4. Fall |
| PRESIDENT’S DAY—NO SCHOOL! ☺ | ACHIEVE 3000 | | Name 3 of the 6 climate regions. | A major cause of ozone depletion or causing a hole in the ozone layer is the use of \_\_\_\_\_\_\_.   1. Using a flashlight 2. Blow drying your hair 3. Aerosol sprays 4. Helium balloons | The conditions of the atmosphere at a certain time and place.   1. Weather 2. Climate 3. Precipitation 4. Atmosphere |
| PRESIDENT’S DAY—NO SCHOOL! ☺ | ACHIEVE 3000 | | What climate region is Georgia in? | The ozone is in the stratosphere layer of the atmosphere. The purpose of the ozone is   1. To generate heat for the Earth 2. To protect Earth from harmful solar radiation 3. To produce weather 4. To allow satellites to circle Earth | What are two ways scientists study ancient climates? |
| PRESIDENT’S DAY—NO SCHOOL! ☺ | ACHIEVE 3000 | | What is the difference between climate and weather?  A..Weather is the conditions when you look outside while climate is the conditions you can expect for the next 6 months.  B..Climate is the current condition outside while weather is what you can expect for the next 6 months. | A wet, warm climate zone on the edge of the tropics is   1. Humid subtropical 2. Tundra 3. Subarctic 4. Continental climate | A tropical grassland with scattered clumps of trees is a   1. Steppe 2. Desert 3. Savana 4. Rain forest |
| **Weekly Learning Target:** | | | | | |
| **Monday** | | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| The main cause of ozone depletion is   1. Global warming 2. Chlorofluoro-   carbons   1. Greenhouse gases 2. Sunspots | | The Sun’s rays are LEAST direct and there is less heat   1. Near the poles 2. Near the equator 3. At high altitudes | CH 14 CLIMATE TEST | ☺ | \_\_\_\_\_\_\_\_\_\_\_\_ air sinks/falls because it is \_\_\_\_\_\_\_\_\_\_\_\_dense.   1. Cold, More 2. Cold, Less 3. Warm, Less 4. Warm, More |
| True or false? If false, change the underlined word.  The climate conditions that exist in a small area are its microclimate. | | Temperate Continental climates have bitterly cold winters.   1. True 2. False | CH 14 CLIMATE TEST | ☺ | \_\_\_\_\_\_\_\_\_\_\_\_ air rises because it is \_\_\_\_\_\_\_\_\_\_\_\_dense.   1. Cold, More 2. Cold, Less 3. Warm, Less 4. Warm, More |
| True or false? If false, change the underlined word.  Permanently frozen soil is called tundra. | | Oceans make the temperature of nearby land more extreme.   1. True 2. False | CH 14 CLIMATE TEST | ☺ | What weather tool measures temperature?   1. Psychrometer 2. Barometer 3. Anemometer 4. Thermometer |
| True or false? If false, change the underlined word.  During ice ages, large parts of Earth’s surface are covered by glaciers. | | An arid or semiarid climate occurs when precipitation is greater than evaporation.   1. True 2. False | CH 14 CLIMATE TEST | ☺ | Regions that receive less than 25 centimeters of rain annually are called   1. Tundras 2. Savannas 3. Steppes 4. Deserts |
| True or false? If false, change the underlined word.  The gradual increase in the temperature of Earth’s atmosphere is called El Nino. | | Land on the side of the mountain that is in a rain shadow and does not get much precipitation.   1. Leeward 2. Windward | CH 14 CLIMATE TEST | ☺ | The farther you live from an ocean, the more likely your climate will be a   1. Marine climate 2. Continental climate 3. Tropical climate 4. Subtropical climate |