



Name: _____
Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet Changes in Climate

Directions: Read and analyze each question carefully. Circle the letter of the correct answer.

1. Which factor ensures that we are “not too hot during summer” and “not too cold during winter?”
 - A. greenhouse gases
 - B. ocean currents
 - C. river flow
 - D. atmosphere
2. What collective term is used to identify gases in the atmosphere, such as carbon dioxide, methane, and nitrous oxide?
 - A. greenhouse gases
 - B. ozone gases
 - C. solar gases
 - D. climate gases
3. Which energy from the Sun is responsible for warming the Earth?
 - A. gamma rays
 - B. microwaves
 - C. sunspots
 - D. ultraviolet waves
4. Which of the following practices does NOT produce greenhouse gases?
 - A. burning forest
 - B. consuming water
 - C. large-scale agriculture
 - D. burning of fossil fuels in cars
5. What phenomenon occurs if there are too many greenhouse gases in the atmosphere?
 - A. earthquakes
 - B. global warming
 - C. ice age
 - D. volcanic eruption
6. Which of the following can be a consequence of global warming?
 - A. lower sea levels
 - B. sale of swimsuits
 - C. sunlight visible at the parks
 - D. melted ice caps in polar regions
7. How can you help in reducing global warming?
 - A. Keep your freezer open.
 - B. Always turn on the lights.
 - C. Recycle materials.
 - D. Throw garbage everywhere.
8. Global climate change has had several impacts on the Earth. Which of these is NOT a result of global climate change?
 - A. increase in pest population
 - B. rise of infectious diseases
 - C. increase in crop production
 - D. increase in coastal flooding
9. What kind of climate do the Philippines have?
 - A. tropical and marine climate
 - B. cold climate as a whole
 - C. dry and arid climate
 - D. temperate climate
10. Which is NOT true about El Niño?
 - A. El Niño is a Spanish word which means “Little Boy” or “Christ Child.”
 - B. Typical El Niño events are expected to develop over North America during winter.
 - C. El Niño is characterized by severe drought and hot weather due to lack of precipitation.
 - D. El Niño is associated with a periodic warming of ocean temperatures across the central and east-central Equatorial Pacific.