

Key Concept Builder

LESSON 2

Climate Cycles

Key Concept How does the ocean affect climate?

Directions: Complete the paragraph by choosing word bank terms and writing them in the correct spaces.

cold dry El Niño pressure warm weaken wet

During El Niño, trade winds **(1.)** _____ and
(2.) _____ water moves toward South America. This prevents
(3.) _____ water from upwelling and increasing the air pressure
 above it. As a result, the normal pattern of high and low **(4.)** _____
 across the Pacific is reversed. During El Niño, the climate of the western coast of South
 America is **(5.)** _____ and warm instead of
(6.) _____ and cool.

Directions: Answer each question or respond to each statement on the lines provided.

7. Define *El Niño/Southern Oscillation (ENSO)*.

8. What is a monsoon, and what causes it?

9. What are a drought, a heat wave, and a cold wave?
