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

REACH Science Air Currents and Global Winds

**Select 1 out of the following 3 questions and respond to it with as much detail as possible.**

**(These questions are from pg. 71-Air Currents)**

a. Describe why some parts of Earths’ surface receive more of the Sun’s heat than other parts. SC.6.E.7.5

b. Could a sea breeze occur at night? Explain why or why not? SC.6.E.7.5

c. Conclude how the unequal heating of Earth’s surface leads to the formation of wind. SC.6.E.7.5

**Select 1 out of the following 4 Questions and respond to it with as much detail as possible.**

**(These questions are from pg. 81-Air Currents)**

a. Describe the factors that affect surface currents.

b. Sequence how the Great Ocean Conveyor Belt moves water through the oceans. SC.6.E.7.3

c. Are all ocean surface currents the same temperature? Why or why not? SC.6.E.7.3

d. Explain how density current might form in the Arctic Ocean. SC.6.E.7.3