Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour: \_\_\_\_\_\_\_ Test Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Energy in Earth Systems

Vocabulary:

* Climate
* Latitude
* Altitude
* Maritime Climate
* Continental Climate
* Ocean Current
* Seasons
* Heat Capacity
* Thermal Energy

Skills

1. Explain the difference between high heat capacity and low heat capacity. Compare different heat capacities of the materials that we used in class.
2. Explain the heat capacity of water. How does it take in heat? How does it take in cool temperatures?
3. Using the information in #2 above, how does living by a large body of water affect climate?
4. What are 4 factors that affect climate? Explain.
5. Describe seasonal patterns of temperature and precipitation.