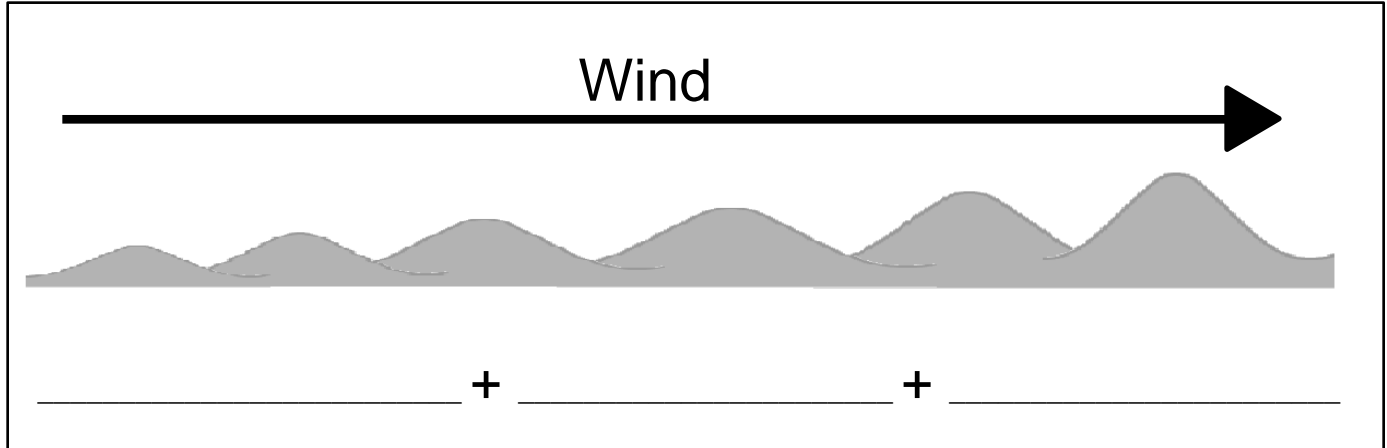


Waves & Currents

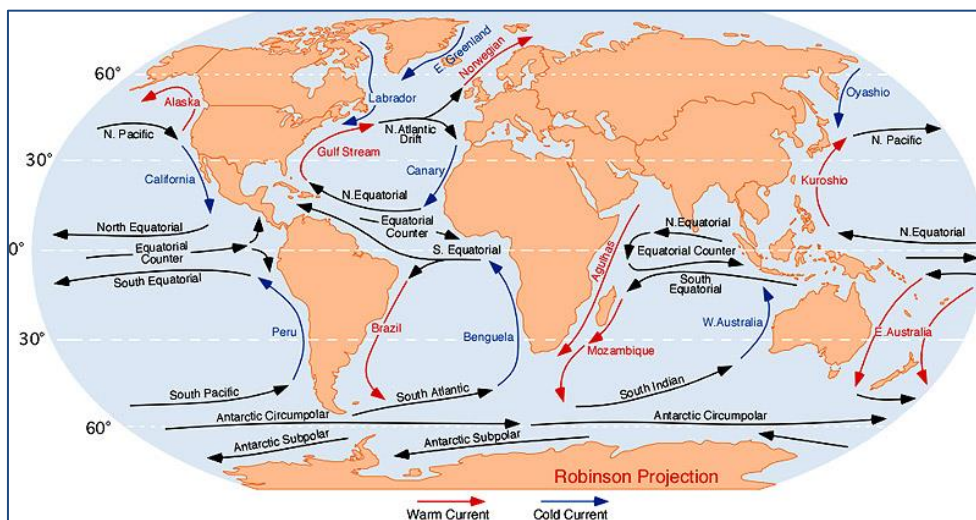
Name _____ Date _____ Period _____

1. Definition of a wave _____
2. What causes waves? _____
3. Once set in motion, waves _____

Factors that Influence Wind Height



4. Surface currents move water _____
5. Surface currents are powered by _____.
6. Surface currents move in _____ patterns.
7. There are _____ surface currents and _____ surface currents.
8. Surface winds and surface currents are affected by _____.
9. Currents north of the equator _____ and currents south of the equator _____.
10. The ocean _____ the sun's heat (energy).
_____ transport this energy.
11. Surface currents move _____.
12. Surface currents can have a _____ or a _____ effect on an area's climate. Why? _____



Waves & Currents

Name _____ Date _____ Period _____

13. Complete the review statements below on temperature, density, and salinity.
- a. Density increases as temperature _____.
 - b. As temperature increases, density _____.
 - c. As salinity increases, density _____.
 - d. As ocean depth increases, salinity _____ and temperature _____.
14. The movement of water deep in the ocean is caused by differences in _____.
15. A density current forms when _____.
16. More _____ seawater _____ beneath less _____ seawater.
17. Density currents circulate ocean water _____.

Label the diagrams below during the lesson.

