Science Ch. 10 Study Guide Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Ocean currents affect the Earth by\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. What moderates the temperature of warm all over the Earth?
2. What changes the ocean currents the most?
3. What is a gyre:
4. What is the main cause of moving sediment down beaches?
5. The movement of water and sand causes what to happen at the beach?
6. Constant change in the location of the shoreline is caused by what movement?
7. Why are beaches and coastlines not static and keep changing?
8. Look at the following picture and label 1- 4.d label 1-4.
9. What is a swift current that flows away from a beach called?
10. How do beaches get sand for the beach?
11. What are the following sands made out of?
12. White sand –
13. Black sand –
14. Green sand –
15. Pink sand -