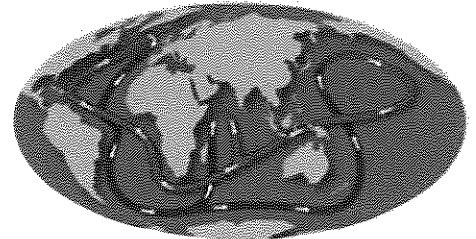


Oceans in Motion: *Currents*

(*This Earth* Textbook p.217-221)

Name: _____ Date: _____ Block: _____

- 1) What are the 5 *recognized divisions* of the global ocean?

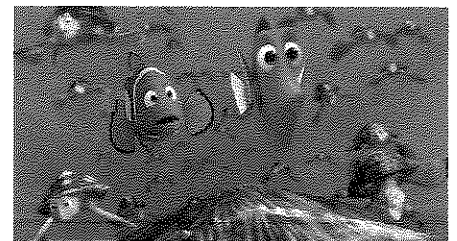


- 2) What does ***Ocean Salinity*** refer to?

- 3) What factors can influence the ***salinity*** of seawater?

- 4) How can we tell that the waters of the oceans are constantly in motion?

- 5) What factors influence oceans currents?



- 6) Explain in your own words what the “**global conveyor belt**” is and how it works.
- 7) What is a **gyre** and what is their key role/purpose?
- 8) In your own words, explain the **Gulf Stream**- what is it, where is it, what does it do?
- 9) What is **upwelling** and **downwelling**? Explain and give an example of each.
- 10) Where is the **Humbolt Current** and what does it affect regionally/climatically? Explain.

