

Friday, Nov. 19, 2021

- Pick Up:
- Webquest (ISN pg 53-leave loose)
 - Major Currents (ISN pg 48) color the warm (red) & cold (blue) currents

Today
you
will:

- DSQ
- Turn in ISN!!!! Turn in work!!
- Research ocean currents using websites on WebQuest

**Science
Projects
Due Tues,
Nov. 30
~2
weeks!!!**

Effort & Focus is the key to learning!

ISN 46: Currents and Models

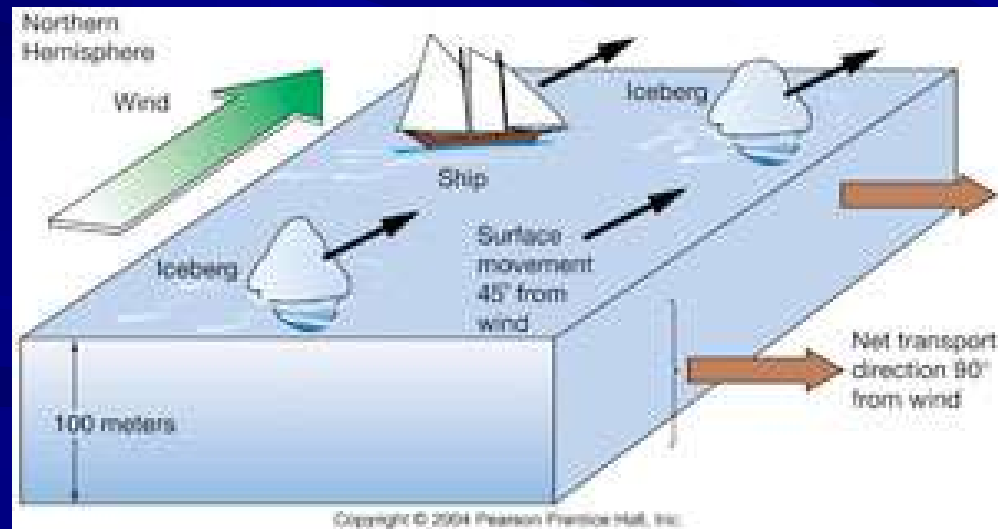
- Divide your paper into 4 parts. Label:
 - Surface currents
 - Caused by
 - Gyres –
 - Coriolis effect -
 - Turbidity currents
 - Define:
 - Higher turbidity will go on _____. Because...
 - Thermohaline circulation
 - Temperature - . Because...
 - Salinity - Because...
 - Deep ocean currents -
 - Upwelling – Wind pushes

Upwelling

- <https://www.youtube.com/watch?v=uLBahw8E>

What is Ekman Transport?

- Currents shift 90 degrees to the right of the wind due to the coriolis effect. (northern hemisphere).



Ekman Spiral

- B/c of the Coriolis Effect, the wind affects water movement down to a depth of about 100 meters.
- The amount of water movement and the velocity at which it moves, decreases as you go down.

