

Cornell Notes

Ocean Current ①

Topic / Objective: Ocean Currents / unequal heating and rotation of the Earth produce wind and ocean currents	Name: Ms. H
	Class / Period: 7A / 7B
	Date: TH, 1.16.20

Essential Question: How does temperature and salinity affect ocean currents?

Questions:	Notes: Key Point	Information
What are currents?	Currents	- a mass of gas or liquid moving in definite direction
What causes wind?		
Which current carries warm water away from the equator?	Ocean Current Formation	- in response to unequal heating of the ocean - can change in density of the ocean water masses - changes of the ocean mass is: temperature + salinity
What is the result of surface currents?	Above the surface	- at the surface of oceans, ocean currents are caused by winds
Why is Earth rotation important in weather?	Direction	- Currents directions are determined by wind and Earth rotation - Forms surface currents

Summary: Answer your essential questions here