

## Ocean Currents Vocabulary

1. **Convection Current** – warm gas or liquid molecules rising and cooler air or water molecules sinking
2. **Cold Current** – ocean water from the poles travel towards the equator
3. **Warm Current** - ocean water from near the equator travels towards the poles
4. **Coriolis Effect** – the curved path of a moving object due to the Earth's rotation
5. **Continental Deflection** – when ocean water travels toward continents it deflects or changes direction
6. **Deep Current** - ocean current that is denser due to higher salinity and lower temperature flowing from the poles to the equator.
7. **Surface Current** - ocean current that is less dense due to lower salinity and higher temperature flowing along the surface of the ocean from the equator to the poles
8. **Density** - how tightly packed particles of a substance are
9. **Thermohaline Circulation** - Large-scale density-driven circulation in the ocean, caused by differences in temperature and salinity.
10. **Global Conveyor Belt** - a system of deep ocean currents that moves water throughout the world's oceans

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