


Cornell Notes - Ocean Currents

<p>The Coriolis Effect</p>	<ul style="list-style-type: none">• The Earth's rotation causes surface currents to move in curved paths rather than in straight lines.• The curving of moving objects from straight path due to Earth's rotation is the Coriolis Effect.
<p>Continental Deflections</p> 	<ul style="list-style-type: none">• When surface currents (winds) meet continents, they change directions• If the Earth's surface was covered w/ only water, currents would travel freely
<p>Taking Temperatures</p>	<ul style="list-style-type: none">- Warm water current begin near the equator and carry water to other parts of the ocean.- Cold water currents begin closer to the poles and carry water to other parts of the ocean.
<p>Deep Currents</p>	<ul style="list-style-type: none">- Deep currents are streamlike movements of ocean water far below the earth's surface.- Warm waters (surface) replaces cold dense water (bottom of ocean)
<p>Surface Currents</p>	<ul style="list-style-type: none">- Warm water currents create warmer climates.- Cold water currents create colder climates.

Connect what you've learned today with how air temperatures and water currents impact climate.