

### Cornell Notes

Questions:	Notes: <u>Key Point</u>	<u>Information</u>
How does air move?	<u>Air Pressure &amp; Coriolis Effect</u>	- moves from high pressure to low pressure
Why cannot air move in a straight line?		- Cause local winds - C.E. caused by Earth's rotation and air veers to the rt Northern hemisphere, leaving the Southern hemisphere
What causes convection currents to occur on earth?	<u>Global Winds</u>	- form between the equator and poles
What would happen if the earth did not rotate? Why?		- the result of giant convection currents w/in the Northern/Southern hemisphere Trade winds: flow toward the equator turning west Westerlies: flow from W to E Easterlies: flow from E to W
How is wind formed?		- When easterlies and westerlies meet weather changes occur
Jet streams help planes travel east, planes going West avoid jet streams. Why?	<u>Jet Streams</u>	- strong winds in the boundaries of the troposphere and stratosphere
How does air and H <sub>2</sub> O move?		- travel ≈ 124 miles per hr. - vary day to day or season to season - used to predict how weather will move around the country - helps move air masses around

Summary: Answer EQ # 2 here