

# Cornell Notes

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Topic / Objective: Wind & Air Pressure / Name: Ms. H

Understand that air pressure affects the atmosphere Wind formation / direction Class / Period: 7A / 7B

Date: M, 11.25.19

Essential Question: Why does the wind blow? What will happen if the air masses collide?

Questions: Notes: Key Point Information

Why does the weather change frequently hr by hr?  
 Notes: Air Pressure  
 Information:  
 - a force exerted (applied) by the weight of air on a surface  
 - barometer measures weight of air

How can meteorologist determine how much air pressure is applied to the atmosphere?  
 Information:  
 - creates different clouds  
 - changes from hour to hour  
 - also known as barometric or atmospheric pressure

Why are ppl able to experience wind (breeze)?  
 Notes: Wind Convection currents  
 Information:  
 - begins from uneven heating of Earth's surfaces  
 - air in motion  
 - warm air rises and expands cool air moves in to replace

What is happening within land wind convection currents?  
 Notes: warm air surface winds Land Breeze vs Sea Breeze  
 Information:  
 - warm air keeps circulating -- called convection currents  
 - both caused by convection

What is the difference between land breeze and sea breeze?  
 Information:  
 - lg bodies of land & H<sub>2</sub>O meet  
 - During the day land heats and H<sub>2</sub>O cools -- sea breeze  
 - At night, land cools and H<sub>2</sub>O heats

Summary: Answer EQ #1 here