



# Wind Pressure

## Essential Question

### What is Air Pressure

Cue: Review:  
Thoughts: Main Idea

NOTE Taking AREA:

(define)

- is the present state of the Lower atmosphere & describes current conditions.

Cause of weather

What causes weather?

- it is an interaction b/t



### Systems

- Air mass pushes down creating Atmospheric Pressure on Earth surface.

Travels From west to east

- Effected by:

1) \_\_\_\_\_

2) H<sub>2</sub>O (vapor) → \_\_\_\_\_

3) \_\_\_\_\_ (ρ)

$$\rho = \frac{(g)}{(mL)}$$

Types of Pressure



direction of spin

causes of pressure

NOTES CONTINUE ON OTHER SIDE

of EARTH Surface



Topic/Objective CHAPTER:

NAME:

DATE

Cue: Review:  
Thoughts: Main Idea

NOTE Taking AREA:

?  
Pressure

- is like a giant funnel of wind
- Spiralling inward and outward forcing warm-ish air towards the center and then to rise, and expands.
- Humidity high → hot damp.
- "Loser" → poor weather & clouds
- Air is Less Dense. → snow/Heavy rain storms

Type of Weather  
(ρ) density

?  
Pressure

- spiralling inward and outward forcing air outward and compress it to sink.
- High Pressure at the center
- "Fair skies" → clear/Blue sky
- Crisp cool/cold air (Winter time)
- Air is MORE Dense

Type of Weather

(ρ) density

\* Pressure

Cold Air Mass has \_\_\_\_\_ Air Pressure than \_\_\_\_\_ Air Mass

SUMMARY:

(ρ) density

Cold Air Mass is \_\_\_\_\_ dense than warm Air Mass