

3a



Topic/Objective CHAPTER:

NAME:

Fronts

Pd: 1 2 4 5 other

DATE 1

lob4

Essential Question

What is a front?

Cue: Review:
Thoughts: Main Idea

NOTE Taking AREA:

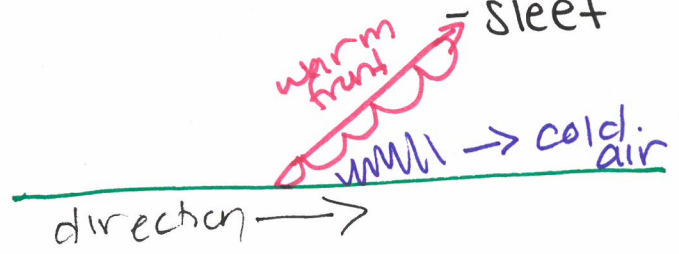
Front definition video

- battleground
- boundary b/t 2 air masses
- 10 - fronts - Animation by: William Stafford

types of fronts:

warm front

- boundary b/t a warm air mass & a retreating cold air mass
- brings precipitation
 - rain ●●●
 - snow ★★
 - hail
 - sleet



cold front

- boundary b/t cold air mass & warm air mass
- 2 x the speed of a warm front
- pushes warm from around (bully)
- will bring storms T₂ Symbol
- moves southward & Eastward



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Cue: Review:
Thoughts: Main Idea

NOTE Taking AREA:

cold front



- * creates a storm
- looks like a plow

* makes warm air rise
cools & condens

Occluded front

- boundary on which a warm front has been overtaken by a cold air mass move east
- Bring precipitation - + storm, tornadoes
- MUST have two cold air masses

SUMMARY:



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Fronts

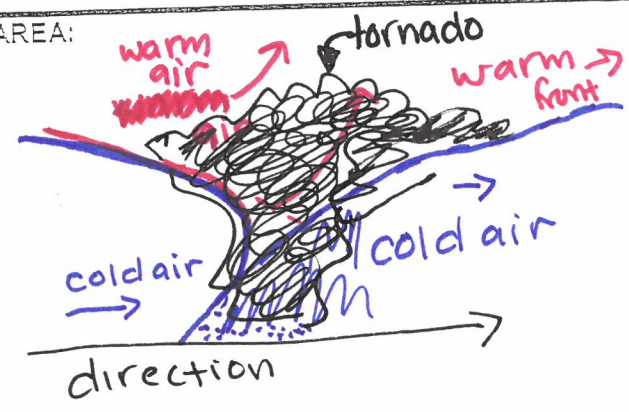
NAME:
Pd: 1 2 4 5 other
DATE

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Essential Question

Cue: Review:
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NOTE Taking AREA:



Occluded front

Stationary fronts

How it forms:

Cold front

~~Stationary~~ warm & cold air meet, clouds & fog form & it makes rain or snow
 - can bring many days of clouds & precipitation

- cold air mass pushes under **warm air mass** forcing **warm air mass** to rise. ↑

Warm front

- When a moist **warm air mass** slides up & over a **cold air mass**.

Stationary front

warm & **cold** air meet & neither air masses has the force to move the other. / remain "stationary"

Occluded front

warm air mass gets caught bit 2 **cold air masses**- **warm air** rises as the **cool air** push & meet in middle



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NOTE Taking AREA:

SUMMARY:

Summary writing area with horizontal lines.