What happens when air masses meet?

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Name:				
LT: I ca	an model and describe three different types	s of fronts – cold, warm and s	stationary.	
To vie	w the weather front simulations, follow	these directions precisely:		
2. 3.	Open internet explorer. From the RRMS main page open to Mrs. Select the Helpful Resources and Answer Under Helpful Videos, choose the Fronts link: http://www.phschool.com/atschool/ph	r Key Link. Simulation hyperlink. This sh		
Direct	ons: For the animations of the cold, warn	n and stationary fronts, con	nplete the following steps.	
1.	SKETCH: Watch the animation and draw The temperature of each air mass The direction each air mass is mo The overall direction that the from Show and label where the weather	s (hot or cold). oving with solid arrows (—— t is moving with a dashed arr	→).	
2.	2. READ all the information in the small box above the animation. Make sure you use the tool on the righ side of the writing to scroll to all of the way to the end. You can increase the font if needed.			
3.	 WRITE: Describe what happens at each type of front. Include answers to all the following: What type of air masses collided? Which one gets pushed upwards? Why does that air mass get forced up? What is the weather like at that kind of front? 			
	 □ How long does the weather usual 			
Cold F				
Sketo	h a cold front.	Describe a cold front in writi	ing.	
1. WI	What type of weather happens when a cold front pushes up an extremely warm and moist air mass?			
2. W	What would the weather be like if the cold front pushed under warm air that was not very moist?			

Warm Front:				
Sketch a warm front.	Describe a warm front in writing.			
Stationary Front:				
Sketch a stationary front.	Describe a stationary front in writing.			
	,			
2. Think shout eventhing you have leaved	shout those 2 types of fronts			
3. Think about everything you have learned about these 3 types of fronts				
a. What type of front lasts the longes	a. What type of front lasts the longest?			
b. What type of front brings the heaviest rains but moves through the fastest?				
c Which type of front do you think is	the easiest to identify in real life? WHV?			
c. Which type of front do you think is the easiest to identify in real life? WHY?				
d. Which type of front would you rather be caught outside in? WHY?				