



Science Virtual Learning

8th Grade Science

Weather Fronts

May 13, 2020



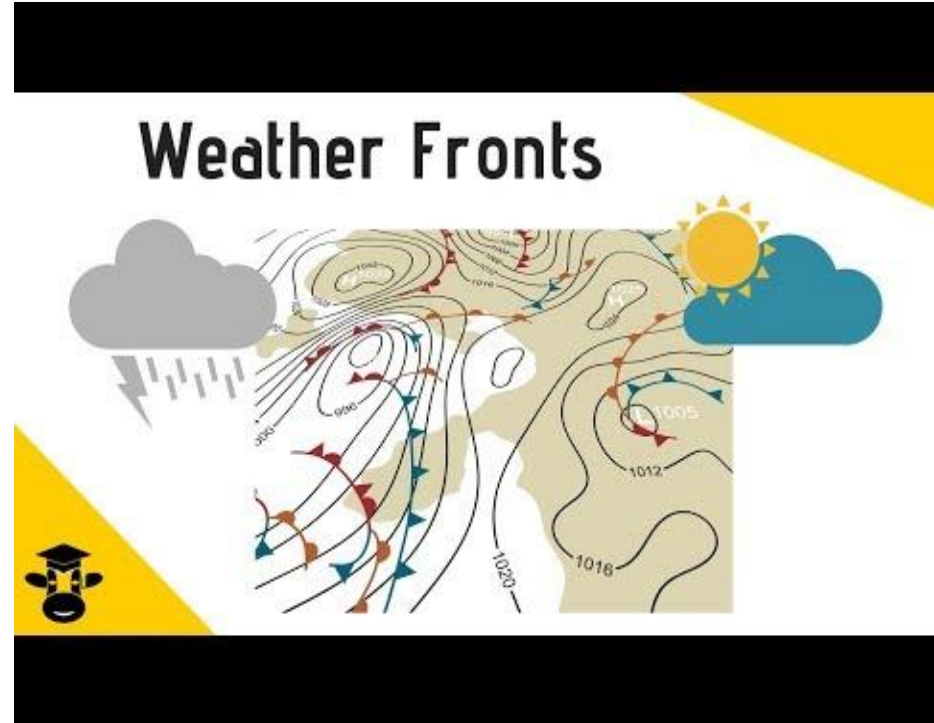
8th Grade Science
Lesson: May 13, 2020

Objective/Learning Target:

I can identify the 4 types of weather fronts and the effects of each.



Bellwork

1. Watch the video and answer the following questions.
 - a. What type of front causes a major temperature drop?
 - b. What happens after a cold front passes?
 - c. What type of front will bring cloudy and wet weather?





Use this information to answer the questions and tasks on the following slides.

There are 4 Types of Fronts:

Front Type	Definition	What Type of Weather Do we See?	Symbol on a Weather Map
Warm Front	Brings warmer and more humid air	Rain, fog, even light snow	
Cold Front	Brings colder and drier air once it passes	Blizzards, gusty winds, thunderstorms, tornadoes	

Use this information to answer the questions and tasks on the following slides.

There are 4 Types of Fronts:

Front Type	Definition	What Type of Weather Do we See?	Symbol on a Weather Map
Stationary Front	A zone between two air masses, where neither air mass is strong enough to advance into the other.	Changes in wind direction, variety of weather	
Occluded Front	Form around areas of low atmospheric pressure	Precipitation	



Today

1. Complete [this worksheet](#) over weather fronts. Check your answers on the last slide.
2. You are a Weatherman/lady activity!
 - a. Go to [this weather map website](#) (use the drop down arrow to select the United States) and pick an area.
 - b. You are going to give the weather report for this area.
 - c. Using what you know, you will need to...
 - i. Write a script telling about the current weather conditions in that area.
 - ii. Tell how the fronts are affecting the weather in that area
 - iii. Predict what the weather will be like in that area for the next few days.



Review

1. Play this game over [weather predicting](#)
2. Test your knowledge about weather fronts with [this worksheet](#). (**Answers** are on the second page)



Answers

1. Bellwork Answers
 - a. Cold front
 - b. You will typically see blue skies
 - c. A stationary front
2. [Weather Fronts](#) answer key