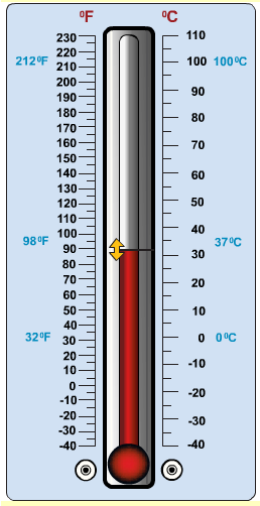
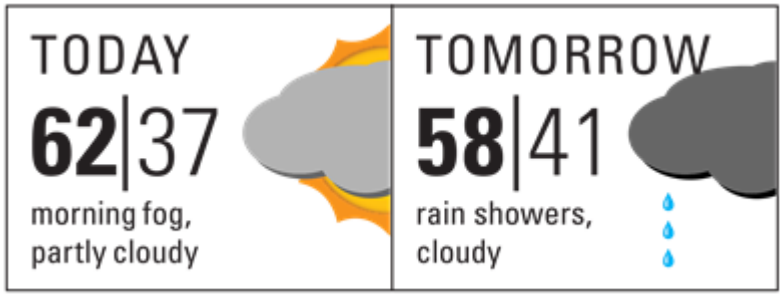
What can you predict will happen to the weather in Austin tomorrow?

- It will be warmer
- It will be colder

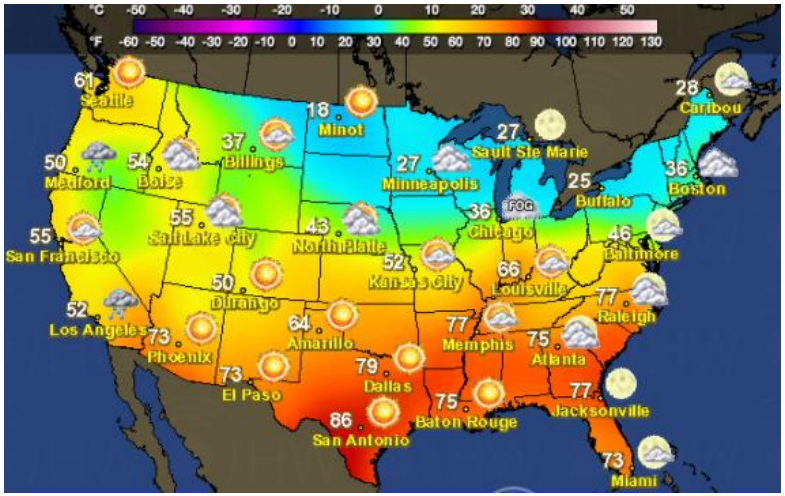
What city does the thermometer represent?



What weather symbol would you expect to be on the map for this kind of weather?



In what city would it be most appropriate to wear shorts and a t-shirt?



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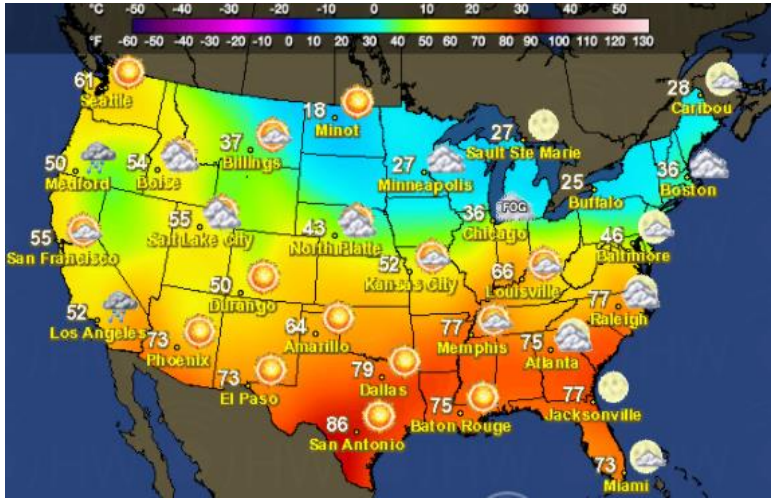
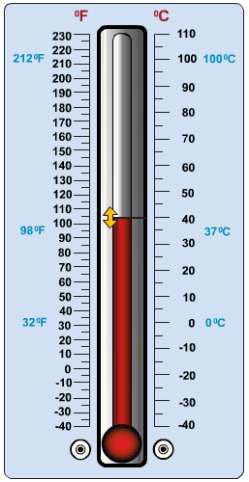
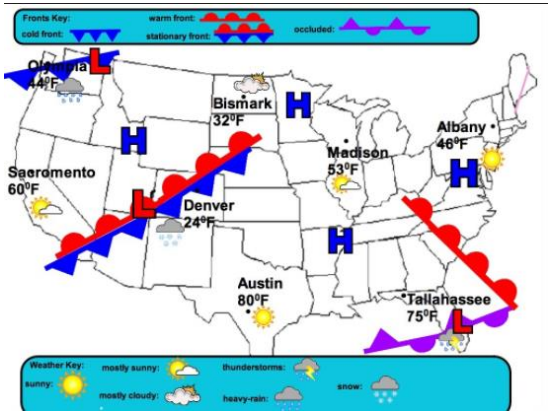
Where would it be most appropriate to wear a big coat today?

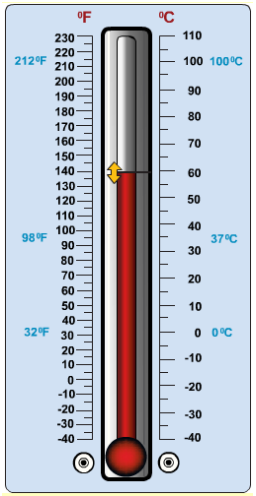


What city does the thermometer represent?

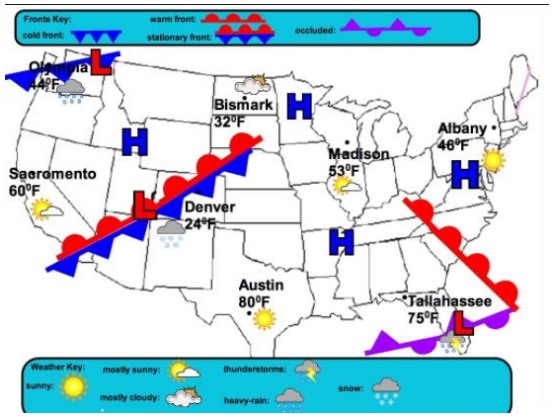


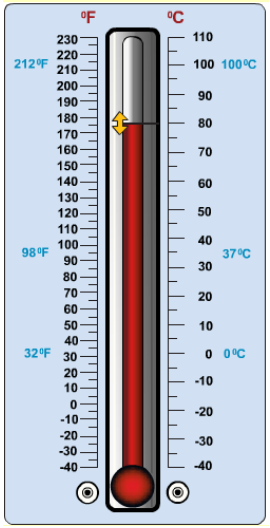
What city does the thermometer represent?





What city does the thermometer represent?





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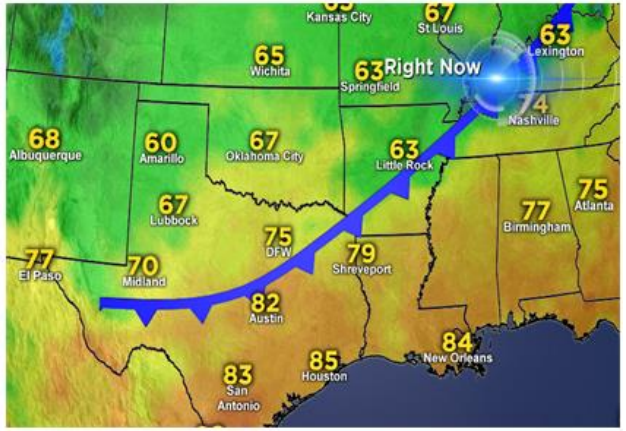
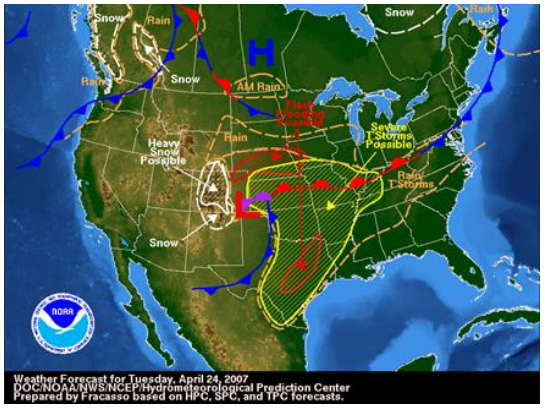
Why is it cooler in Lubbock than Houston?

- A warm front just passed through
- A cold front just passed through



What type of data does this map show?



Weather or Climate

First, study the flash cards that have the weather symbol and the meaning. You can quiz the members of your group. Work together!

After you have mastered the list, you can play memory with the second set of cards that have the weather symbol and the meaning on separate cards.

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Sunny	Partly cloudy
Cold temperatures	Windy

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Cold front	Warm front
High pressure	Low pressure
H	L

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Rainy	Thunder storm
Cloudy	Snow

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Sunny	Partly Cloudy
Cold Temperatures	Windy

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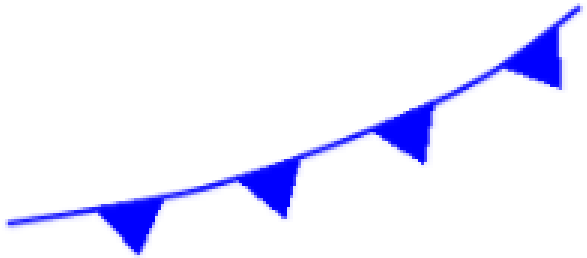

H

L

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High pressure	Low Pressure
Cold front	Warm front

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Rainy	Thunder Storm
Cloudy	Snow

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Place a weather symbol in the square below. Then find the appropriate clothing that you predict a child would wear if they saw those symbols.	Place the clothing below that you think matches the weather symbol.
Weather Symbol	Type of Clothing

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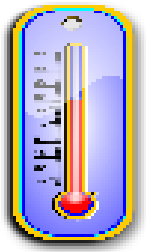
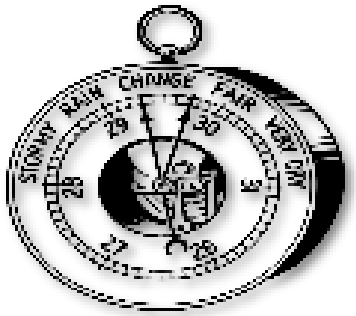
Thermometer	Wind Vane	Barometer

Measures the temperature



Displays which way the wind is blowing

Measures the air pressure



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FACTORS THAT INFLUENCE WEATHER	SEVERE WEATHER	TYPES OF PRECIPITATION

rain	air pressure	hail	air mass
humidity	tornado	blizzard	sleet
hurricane	temperature	snow	

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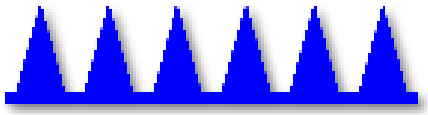
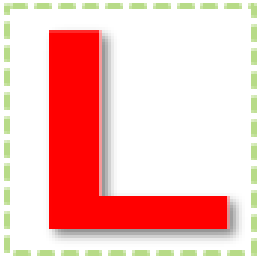
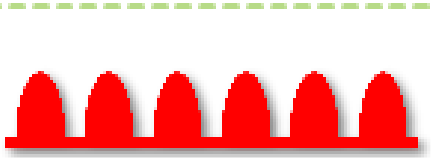
Warm Front



Cold Front



Low Pressure



High Pressure

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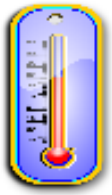
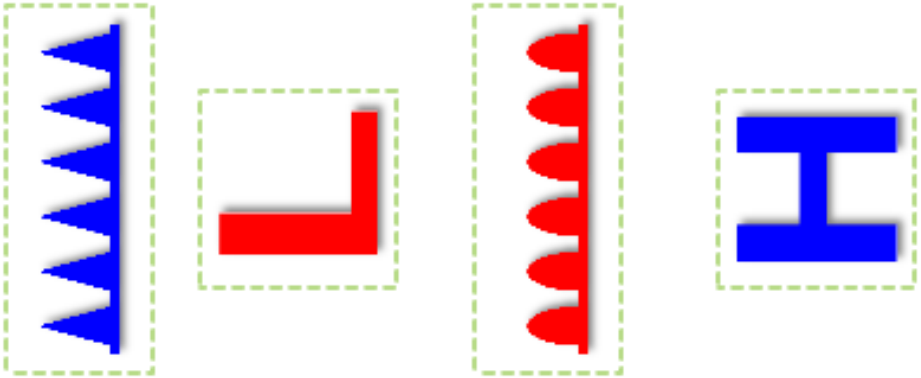
Measures the temperature



Displays which way the wind is blowing

Measures the air pressure

rain	air pressure	hail	air mass
humidity	tornado	blizzard	sleet
hurricane	temperature	snow	



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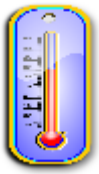
Student sheet: Fill in the information below.

Factors that influence severe weather	Severe Weather	Types of Precipitation

Look at the pictures below. Fill in the appropriate information for each picture.



This tool is a _____. We use it to _____.

This tool is a _____. We use it to _____.

This tool is a _____. We use it to _____.

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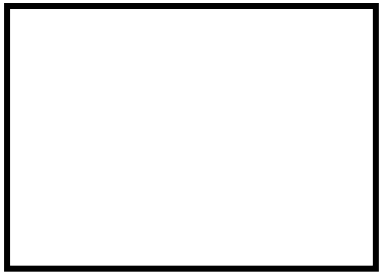
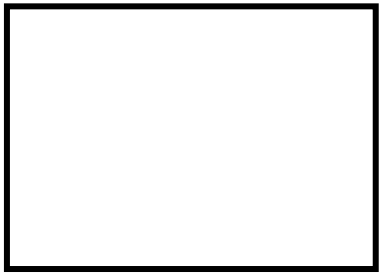
Student sheet. Fill in the boxes with the weather symbols and their meanings.

Weather Symbol		Meaning
	→	
	→	
	→	
	→	

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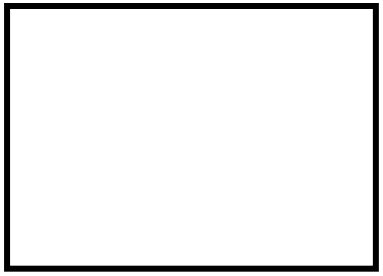
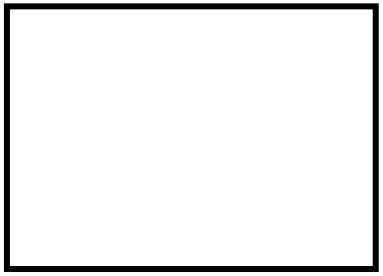
Student sheet. Fill in the boxes with the weather symbols and their meanings.

Weather Symbol		Meaning
	→	
	→	
	→	
	→	

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Student sheet. Fill in the boxes with the weather symbols and their meanings.

Weather Symbol		Meaning
	→	
	→	
	→	
	→	

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