Name: Block:

WEATHER MAP GALLERY WALK

Image 1:

Based on the data in the map, what is the current weather in Charlotte, NC?

The orange-brown dotted line is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ line and indicates \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

What kind of weather is Dallas, TX experiencing and why?

Image 2:

What does the “H” over Nevada mean?

What kind of weather do you predict Nevada to have?

What kind of weather is Dallas, TX experiencing and why?

Image 3:

Based on the data in the map, what do you predict the current weather to be in Charlotte, NC?

What kind of weather do you think Dallas, TX may experiences in the next 24 hours and why?

Image 4:

What do the numbers (1021, 1025, 1009) on the map indicate?

What does the “L” over Arizona mean?

What kind of weather might Arizona be experiencing?

Image 5:

What do the black lines on the map represent?

What does the blue line with triangles represent?

What does the red line with semicircles represent?

Image 6:

![C:\Users\VASC\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\73YIDWEH\MC900278978[1].wmf]()What is the current high temperature range for:

* Grand Forks, MN?
* Charlotte, NC?
* Phoenix, AZ?

Image 7:

What is the current temperature for:

* Idaho Falls?
* Los Angeles, CA?
* Chicago, IL?
* Charlotte, NC?

Image 8:

What type of front is Del Rio, TX experiencing?

What type of weather do you think Charlotte, NC might have TOMORROW based on the data on this map?

Image 9:

This map is displaying current \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ readings.

The white(or gray) lines represent \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

What do you think is in the smallest center circles on the map?

Image 10:

In this map, the weather over the west is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ pressure system and the southeast is a \_\_\_\_\_\_\_\_ pressure system.

Which way do you think weather will move based on the pressure readings on this map?

Image 11:

How many low pressure systems do you see on this map?

Low pressure means \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

How many high pressure systems do you see on this map?

High pressure means \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

What do you think the weather is like in the middle of the country?

EXTENSION:

You will be given a blank map of the United States. Using markers, your observations, and your tip sheet, you should create your own weather map based on what you know about weather patterns. You should mark areas of possible precipitation. Your map should include:

* 1 warm front
* 1 cold front
* 1 stationary front
* 1 High Pressure System
* 1 Low Pressure System
* Any precipitation