

Weather Scavenger Hunt <http://homepage.mac.com/cohora/ext/weather/html>

Directions: Use the [links](#) provided to find the answers to the questions. After you glean the answer, place your cursor over the Back button. Hold down on the mouse button. You'll get a menu that lets you drop back several pages. Select the Weather hunt page.

1. What are the coldest & warmest temperatures ever recorded on earth?

What is their difference or range?

2. If the wind speed is 10 MPH and the temperature is -5° Fahrenheit what is the wind chill?

3. Use the weather map service at Weather.net to locate your regional radar report. What are your observations?

4. I hear there is a polar air mass coming. Describe the air that a continental polar air mass (cP) would bring.

5. Meteorologists talk of Dew points. What does a dew point tell you?

6. If you wanted to measure the air pressure what instrument would you use?

What unit of measurement would you use? (Hint: look for more detail.)

7. I enjoy shoveling snow because I relish the unusual quiet it brings. Explain the effect snowfalls have on sound.

8. Hear that cricket chirping? How can you calculate the temperature based on the chirping? (Use the Find feature to speed your search. Go to the linked page. Go Edit..find. Enter cricket. Click Find. Go Edit .. Find again. Ah ha!)

9. How wide is lightning? _____

10. Weather maps use a symbol called the wind barb. What does it show? _____

If Martha's comment is a barb, what does that mean? _____

11. Become enlightened about lightning. Write your favorite fact. How will you now behave in light of this fact?

12. What is the probability there will be precipitation in your area tomorrow? Find out at the National Weather Service.

If there is a 50% probability of rain, does that mean it will be raining half the time - 12 hours? T or F

Does it mean it will rain 50% of what it usually rains on that date? T or F

Will it rain over 50% of the zone the weather report is about? T or F

So what does probability of precipitation (pop) mean? _____

13. Why are raindrops different sizes? _____

14. What does water have to do with measuring temperature? _____

15. Why do clouds form? _____

16. Raindrops are shaped like teardrops. True or false

17. What is Global Warming? _____

Which factors, that contribute to global warming, can people control? _____

18. The bus is running late this October morning due to the fog. Why is there more fog in the autumn?

"Climate is what we expect, weather is what we get. " ~ Mark Twain

Challenges:

Check out the Weather on top of Mt. Washington, NH. They are reported to have some of the worst weather on earth! What do you observe?

How does FEMA help you, your family, & your community deal with weather disasters?

To see whether you know everything about weather, tackle the SERCC Weather Quiz. Score: _____

Read NOAA's question of the month. Have you ever seen or heard of that? _____

Decifer this paragraph that uses weather words, but is not about the weather.

We got a chilly reception from Jake when we arrived. His barb, about whether or not to meet, was unfair. I think it was a barometer of his frosty feelings about Sue being elected the president. In fact, I think there's a gale brewing in the club.
