

What Is the Weather in Your City?

Objectives:

- Learning the meaning of Web site addresses
- Becoming successful with finding specific information on the Internet
- Using the up, down, back, and forward arrows
- Learning Internet terms such as Web site, home page, Internet browser, etc.



Program Needed:

Use a program that will give you access to the Internet.

Instructions:

1. Students will launch the Internet.
2. Students will go to the weather channel site.
(<http://www.teachercreated.com/books/2448> Click on page 65, site 1)
3. Students will type the name of their city or of a large city near their house, and then click on **GO**.
4. Students will browse through the Web site to find the answers to the questions using the up, down, back, and forward arrows.
5. Students will find the current temperature and present humidity in their city.
6. Students will check to see when is the best day for a barbecue in the next week.
7. Students will look at the Doppler radar to find any precipitation in their city.
8. Students will look at the travel conditions in their city and check on flight delays across America.
9. Students will visit international cities and compare temperatures.

Extension Ideas:

This weather channel lesson is a great one to use when studying weather and making weather maps and charts. See pages 50–51 to get ideas about weather graphs. The Internet is full of wonderful Web sites. Go to a search engine (<http://www.teachercreated.com/books/2448> Click on page 65, site 2) and type your subject matter. You will probably find many sites related to your subject matter and then you could make up a worksheet yourself similar to the one on the Weather Channel.

Exploring the Weather Channel

<http://www.teachercreated.com/books/2448>

Click on page 66, site 1

Launch the Internet and type the above address for the Weather Channel. Browse through this web site to answer the following questions.

Type the name of your city under "Enter a City" and click **GO**.



1. What is the current temperature in your city? _____
2. What is the present humidity in your city? _____ Do you consider this high or low? _____
3. How many minutes ago was this information updated (the Weather Channel is in the Eastern time zone; think about what time zone you're in)? _____
4. If you were planning an outdoor BBQ in the next five days, which day or days would be best according to the weather? _____ or _____



Click on Doppler Radar.

5. Is there any rain in the entire beige area? _____
6. Do you think your city has a chance of getting rain in the next 24 hours according to the doppler radar? _____



Click on the **BACK ARROW**. Find the current temperature for Honolulu.

7. Is Honolulu warmer or cooler right now than your city?
 _____ By how many degrees?

Complete this table.

	Your City	Chicago	Phoenix	Boston
Tomorrow's High Temp				
Tomorrow's Low Temp				

Exploring the Weather Channel *(cont.)*

<http://www.teachercreated.com/books/2448>

Click on page 67, site 1

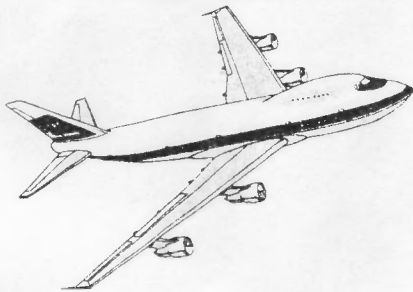
Click on **HEALTH AND ALLERGIES** on the left hand side. Study the tree pollen map and then find the grass pollen map.

8. According to the two maps, is your city experiencing a higher level of tree pollen or grass pollen?

9. Why do you think this may be? _____

Click on **TRAVEL CONDITIONS** on the left hand side. Study the map.

10. If a city has a yellow dot by it, what does that mean? _____



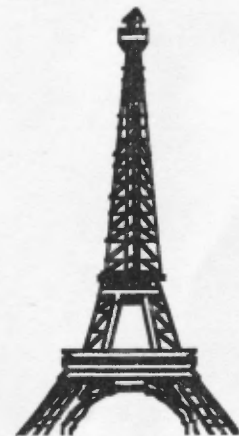
11. Click on the Los Angeles dot. How many minutes delay are they currently experiencing at the airport?

12. Are there any airports in America reporting more than a 45 minute delay? _____ If so, name one:

13. Check on the American Airlines flights from Chicago to Washington D.C. If you were flying this route today, how many minutes delay should you anticipate? _____

Click on **INTERNATIONAL CITIES** on the left hand side. Type paris, then click on Paris, France.

14. According to the current temp, how many degrees cooler is Paris than Phoenix? _____



Complete this table with the forecasted high temperatures in these cities.

	Paris, France	Kiev, Ukraine	Calcutta, India	Your Choice
Tomorrow's High				