



## Weather Patterns Lessons

### Websites

#### [The Cat in the Hat: Weather Transformer](http://pbskids.org/catinthehat/games/weather-transformer.html)

Children learn more about weather on this fun, interactive website.  
( <http://pbskids.org/catinthehat/games/weather-transformer.html> )

#### [National Weather Service](http://www.weather.gov/)

The National Weather Service (NWS) web site provides direct access to weather forecasts and summaries for select cities, maps of NWS regions, storm predictions, and educational links.  
( <http://www.weather.gov/> )

#### [USA Today](http://www.usatoday.com/weather/)

USA Today provides a very informative site with links to graphics and explanations of numerous weather topics, from “air masses” to “winter weather.”  
( <http://www.usatoday.com/weather/> )

#### [Temperature World](http://www.temperatureworld.com/gi.htm)

This web site contains temperature-related links of humorous or general interest, including “Fahrenheit’s thermometer” and “the origin of the Celsius temperature scale.”  
( <http://www.temperatureworld.com/gi.htm> )

#### [USA Today: Understanding Water in the Atmosphere](http://usatoday30.usatoday.com/weather/wwater0.htm)

From the USA Today weather web site, this page provides links that explain water in the atmosphere, including information about clouds and fog, evaporation and condensation, humidity, rain, and snow.  
( <http://usatoday30.usatoday.com/weather/wwater0.htm> )

#### [Clouds and Precipitation](http://ww2010.atmos.uiuc.edu/(Gh)/guides/mtr/cld/home.rxml)

This is a module from the University of Illinois’ WW2010 online meteorology guide. With photos and careful text, it offers sections on the development of clouds and precipitation; cloud types; and precipitation types including rain, snow, hail, sleet, and freezing rain.  
( [http://ww2010.atmos.uiuc.edu/\(Gh\)/guides/mtr/cld/home.rxml](http://ww2010.atmos.uiuc.edu/(Gh)/guides/mtr/cld/home.rxml) )



## Weather Patterns Lessons

### Books

#### General Weather Books

##### **Hot and Cold (It's Science)**

By Sally Hewitt. (2000, Children's Press)

Simple text and photos illustrate the concepts of temperature.

##### **Hot and Cold (Rookie Read-About Science)**

By Allan Fowler. (1995, Children's Press)

Describes the meaning of temperature with clear text and illustrations.

##### **How Artists See the Weather: Sun, Wind, Snow, Rain**

By Colleen Carroll. (1996, Abbeville Press)

This book is a wonderful way to not only reinforce familiar weather concepts, but also to introduce art.

##### **North, South, East and West (Rookie Read-About Science)**

By Allan Fowler. (1993, Children's Press)

Gives a simple explanation of the four cardinal directions and tells how to use the sun to determine direction. Useful for the "Using a Compass" Skill Building Activity.

##### **Sing a Song of Popcorn: Every Child's Book of Poems**

Selected by Beatrice Schenk de Regniers, et al.; illustrated by nine Caldecott Medal artists. (1988, Scholastic Inc.)

Has a nice selection called "Mostly Weather" with watercolor illustrations by Marcia Brown.

##### **Weather (Eyewitness Explorers)**

By John Farndon. (1999, Dorling Kindersley Publishing)

Directs children to watch and understand the weather—for example, clouds, rain, snow, wind, a hot day—and do activities such as make their own barometer.



### **Weather Forecasting**

By Gail Gibbons. (1993, Aladdin)

With straightforward text and colorful pictures, this behind-the-scenes look at a modern weather station answers the basic questions that kids ask most, and makes weather forecasting more fun and accessible than ever.

### **Weather: Poems for All Seasons (An I Can Read Book, level 3 for independent readers)**

Selected by Lee Bennett Hopkins; illustrated by Melanie Hall. (1995. HarperCollins)

Short poems, clear text, and nice illustrations.

### **Weather Words and What They Mean**

By Gail Gibbons. (1992, Holiday House)

Clear color drawings and explanations of weather words such as "temperature," "air pressure," "moisture," and "wind."