

**School to Home**

**LESSON 3**

**Weather Forecasts**

**Did you know?**

Interpreting data means carefully examining all the information available to you. The interpretations you make need to be based on accepted theories and an understanding of the information. Meteorologists analyze collected data, read satellite images, and interpret reports from weather stations to make a weather forecast.

For this activity, you will need access to weather radar images as well as weather data. This information is available on television news broadcasts, Web sites, or in local newspapers.

1. Collect and analyze the current weather conditions, including radar images, temperature, relative humidity, air pressure, wind speed and direction, and cloud coverage.
2. Use the information in Step 1 to create your prediction for the weather conditions for the next four days.

	Day 1	Day 2	Day 3	Day 4
<b>Chance (%) of precipitation</b>				
<b>High temperature</b>				
<b>Low temperature</b>				

3. Observe the weather over the next four days. Record whether precipitation occurred, as well as the high and low temperatures.

	Day 1	Day 2	Day 3	Day 4
<b>Precipitation? (yes/no)</b>				
<b>High temperature</b>				
<b>Low temperature</b>				

4. Did you correctly predict the weather? Explain.

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