

Weather Activity Bag

Weather Log: Student Activity Guide

Weather changes from day to day and sometimes minute to minute. In this activity, you will observe the weather, record weather data, and explore weather patterns.

These directions will get you started. Your teacher will be in contact to guide you and provide information.

Materials From The Bag

- Weather Log (on the back)

Part 1: Weather Data Collection

In this part, you will keep a daily record of weather data. It is best to fill out this log one time each day.

1. Go to www.weather.com. To get current weather conditions, enter your zip code in the search box.
2. Fill in the first day. See the example below.
 - a. For temperature include Fahrenheit and Celsius if possible.
 - b. For current conditions and precipitation look outside and record what you observe.

Date	Time	Temp	Barometric Pressure		Wind		Current Condition		Precipitation	
			Reading	Circle Rising ↑ or Falling ↓	Direction	Speed	Type	Type		
MM/DD	AM or PM	Degrees Celsius & Fahrenheit	Reading	Circle Rising ↑ or Falling ↓	N, NE, E, SE, S, SW, W, NW	MPH	Clear Fair Fog	Cloudy Overcast Sunny	None Snow Sleet	Rain Hail
02/04	2:37 PM	11°C 52°F	30.04 in.	↑ ↓	N	?	Sunny		None	

3. You will complete the weather log each day.
4. After a few days, make a list of observations about your weather data. *What patterns do you notice?*

Part 2: Weather Maps

1. After you have recorded your weather data for the day, go to <https://www.wunderground.com/maps>, and enter your zip code into the search bar to get your current weather map.
What do you notice about the map and the current conditions?