

Title: Weather and Climate #2	Grade: 3rd Grade
Content: Science & Math	Duration: 5-15 minutes daily for one week

<p>Standard:</p> <ul style="list-style-type: none"> ● 3.MD.4: Draw a bar graph.
<p>Objective: Students will complete a graph of the daily temperature.</p>
<p>Materials:</p> <ul style="list-style-type: none"> ● Paper or provided template ● Color pencils ● Creating a bar graph video
<p>Introduction Description: Each day students will observe and record the daily temperature. The temperature will be placed on a graph. Each student can design their own graph or use the template provided.</p>
<p>Steps:</p> <ul style="list-style-type: none"> ● Find the daily temperature <ul style="list-style-type: none"> ○ Choose a time of the day to record for instance every day at 11:00 am. ○ Use the resources available--phones, internet, bank signs, TV ● Record the daily temperature on a bar graph. Make sure you label the parts of the graph. <ul style="list-style-type: none"> ○ Title ○ X axis title (along the bottom) ○ Y axis title (along the left side) <ul style="list-style-type: none"> ■ Color each bar the same color. See example. ● When you are finished with the graph summarize the results using complete sentences. <ul style="list-style-type: none"> ○ How did the temperature change? ○ What did you notice? ○ What predictions do you make for next week?
<p>Adaptations:</p> <ul style="list-style-type: none"> ● Graph last week's daily temperatures. Teachers can supply generic temperature samples. ● Students can create a template from scratch or use the graph provided. ● Students can create a color key and color the bars according to temperature. <ul style="list-style-type: none"> ○ 0-20 degrees-dark blue ○ 21-50 degrees-light blue ○ 51-75 degrees- yellow ○ 76-100+ degrees-orange
<p>Finished Product : Completed bar graph of the daily temperatures.</p>

		Daily Temperature for the Week				
Temperature	100+					
	95					
	90					
	85					
	80					
	75					
	70					
	65					
	60					
	55					
	50					
	45					
	40					
	35					
	30					
	25					
20						
15						

	10					
	5 or less					
		Monday	Tuesday	Wednesday	Thursday	Friday
	Days of the week					

Summarize your bar graph.

EXAMPLE

		Daily Wind Speed for the Week				
Wind Speed	100+					
	95					
	90					
	85					
	80					
	75					
	70					
	65					
	60					
	55					
	50					
	45					

	40					
	35					
	30					
	25					
	20					
	15					
	10					
	5 or less					
		Monday	Tuesday	Wednesday	Thursday	Friday
	Days of the week					

Summarize your bar graph.