

## Reading temperatures on a thermometer lesson plan

DAY	We Are Learning To (WALT):	MODEL / INTRODUCTION	INDEPENDENT WORK	PLENARY
	<p><b>Mental:</b></p> <p><b>Main:</b> Read temperatures</p>	<p><b>Mental:</b></p> <p><b>Main:</b> Go through PowerPoint with the following slides:</p> <ul style="list-style-type: none"> <li>• What temperature measures and some examples of hot and cold things</li> <li>• How temperature is measured in degrees centigrade (°C) or degrees Fahrenheit (°F)</li> <li>• Slide on where we see temperatures everyday</li> <li>• How thermometers are used to measure temperature</li> <li>• Some examples of scales and how to read them by trial and error. Remember to write (°C)</li> </ul> <p>Revise with more able children how to count back in negative numbers in jumps of 1, 2, 5, 10 and 100</p>	<p>Lower ability – read thermometers with scales jumping in 2s, 5s, 10s and 100s</p> <p>Middle ability – read thermometers with scales jumping in 20s, 25s 100s and 0.1s</p> <p>Higher ability – read temperature from points between labelled intervals</p> <p>G+T – read thermometers with scales with negative numbers</p> <p>Extension – give blank copies of thermometers to make up their own scales on</p>	<p>Have 4 thermometers, similar to those from independent work, for children to spot and explain the following deliberate mistakes:</p> <ul style="list-style-type: none"> <li>• Forgetting to write °C</li> <li>• Reading the scales as if each intervals was worth only 1</li> <li>• Just reading / rounding to the nearest labelled number</li> <li>• Missing out a zero in numbers e.g. writing 3,000 as 3,00</li> </ul>